FCC RADIO TEST REPORT

FCC ID	:	RAXE3200
Equipment	:	Fios Home Wi-Fi Extender, Fios Business Wi-Fi Extender
Brand Name	:	Verizon
Model Name	:	E3200
Applicant	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Manufacturer	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Apr. 18, 2019, and testing was started from May 08, 2019 and completed on Jun. 04, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.
The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR941737AB	01	Initial issue of report	Jul. 03, 2019

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Cliff Chang

Report Producer: Emily Chen

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11n HT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11n HT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11n HT80	80	4TX
5.15-5.25GHz	802.11n HT80-BF	80	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX

5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11n HT80	80	4TX
5.725-5.85GHz	802.11n HT80-BF	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
						2.4GHz	5GHz Band 1	5GHz Band 3
1	1	Arcadyan	120800073400J	PCB Antenna	I-PEX	-	-	1.74
2	2	Arcadyan	120800073300J	PCB Antenna	I-PEX	-	-	2.35
3	3	Arcadyan	120800073600J	PCB Antenna	I-PEX	-	-	1.63
4	4	Arcadyan	120800073500J	PCB Antenna	I-PEX	-	-	1.28
5	1	Arcadyan	On board antenna	Monopole	N/A	1.69	0.57	-
6	2	Arcadyan	120800073700J	PCB	I-PEX	0.78	0.93	-
7	3	Arcadyan	120800073800J	PCB	I-PEX	2.12	2.35	-
8	4	Arcadyan	120800073900J	PCB	I-PEX	2.39	2.36	-

Note 1: The above information was declared by manufacturer.
Note 2:

<For 2.4GHz Function>

For IEEE 802.11b/g/n/VHT/ax mode (4TX/4RX):

Port 1、Port 2、Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1、Port 2、Port 3 and Port 4 could transmit/receive simultaneously.

<For WLAN 5GHz Band 1/Band 4 Function>

For IEEE 802.11a/n/ac/ax mode (4TX/4RX):

Port 1、Port 2、Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1、Port 2、Port 3 and Port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.953	0.21	2.068m	1k
802.11ac VHT20	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.972	0.12	953.125u	3k
802.11ac VHT40-BF	0.972	0.12	953.125	10
802.11ac VHT80	0.94	0.27	460.625u	3k
802.11ac VHT80-BF	0.94	0.27	460.625	10
802.11ax HEW20	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.959	0.18	4.368m	300
802.11ax HEW40	0.969	0.14	910u	3k
802.11ax HEW40-BF	0.965	0.15	5.085m	300
802.11ax HEW80	0.944	0.25	473.75u	3k
802.11ax HEW80-BF	0.958	0.19	3.834m	300

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming for VHT/11ax in 2.4GHz and 11n/11ac/11ax in 5GHz.	☐	Without beamforming
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	MTool 3.1.0.1			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The equipment names in the following table are all refer to the identical product.

Brand Name	Equipment Name	Description
Verizon	Fios Home Wi-Fi Extender	All the equipments are identical; the difference equipment names served as marketing strategy.
	Fios Business Wi-Fi Extender	

1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Brian Sun	22~24°C / 50~60%	May 08, 2019~ Jun. 04, 2019
Radiated	03CH03-CB	Cola Fan	22~24°C / 50~60%	May 21, 2019~ Jun. 04, 2019
AC Conduction	CO01-CB	Wei Li	24.3~24.5°C / 59~60%	Jun. 03, 2019

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086B with Industry Canada.

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74 x10-8	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	82
5200MHz	92
5240MHz	92
5745MHz	92
5785MHz	86
5825MHz	72
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	76
5200MHz	94
5240MHz	95
5745MHz	90
5785MHz	84
5825MHz	77
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	69
5230MHz	87
5755MHz	92
5795MHz	81
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	61
5775MHz	83
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	76
5200MHz	94
5240MHz	95
5745MHz	90
5785MHz	84
5825MHz	77
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	69
5230MHz	87
5755MHz	92
5795MHz	81
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	61

Mode	Power Setting
5775MHz	83
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	79
5200MHz	92
5240MHz	93
5745MHz	87
5785MHz	86
5825MHz	73
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	72
5230MHz	92
5755MHz	89
5795MHz	85
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	70
5775MHz	85
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	79
5200MHz	92
5240MHz	93
5745MHz	87
5785MHz	86
5825MHz	73
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	72
5230MHz	92
5755MHz	89
5795MHz	85
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	70
5775MHz	85

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11 VHT20 and VHT40.
- There are two modes of EUT in 802.11 VHT/ax, one is beamforming mode and the other is non-beamforming mode for VHT/11ax in 2.4GHz and 11n/11ac/11ax in 5GHz. Both modes have been tested and recorded in this test report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	WLAN 2.4GHz - EUT with Adapter 1
2	WLAN 2.4GHz - EUT with Adapter 2
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	WLAN 5GHz - EUT with Adapter 1
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	WLAN 2.4GHz - EUT with Adapter 1
2	WLAN 2.4GHz - EUT with Adapter 2
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode	
3	WLAN 5GHz - EUT with Adapter 2
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz Band 1
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz Band 1 + WLAN 5GHz Band 4
Refer to Sporton Test Report No.: FA941737 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used in Y axis position.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Wireless AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter 1	LEI	ML42AY120350-A1	INPUT: 105-125V~60Hz, 1.5A OUTPUT: 12V, 3.5A
2	Adapter 2	Delta	ADH-42AW B C.C.:A	INPUT: 105-125V~60Hz, 1.2A OUTPUT: 12V, 3.5A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E6430	N/A

For Radiated (below 1GHz) and Radiated (above 1GHz) / Non-Beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

For Radiated (above 1GHz) / Beamforming mode:

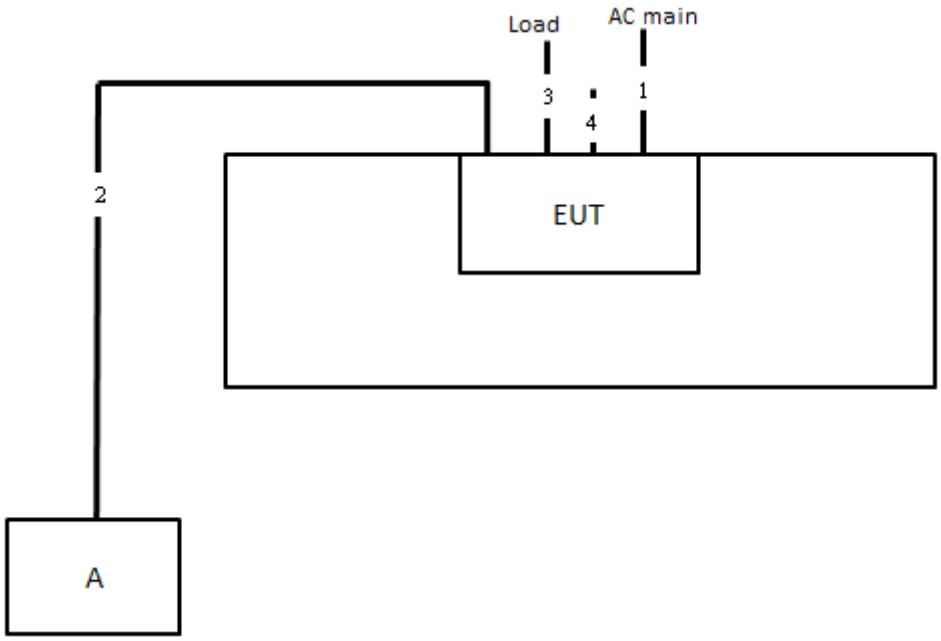
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	RX Device	Arcadyan	WE7224442-VR	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

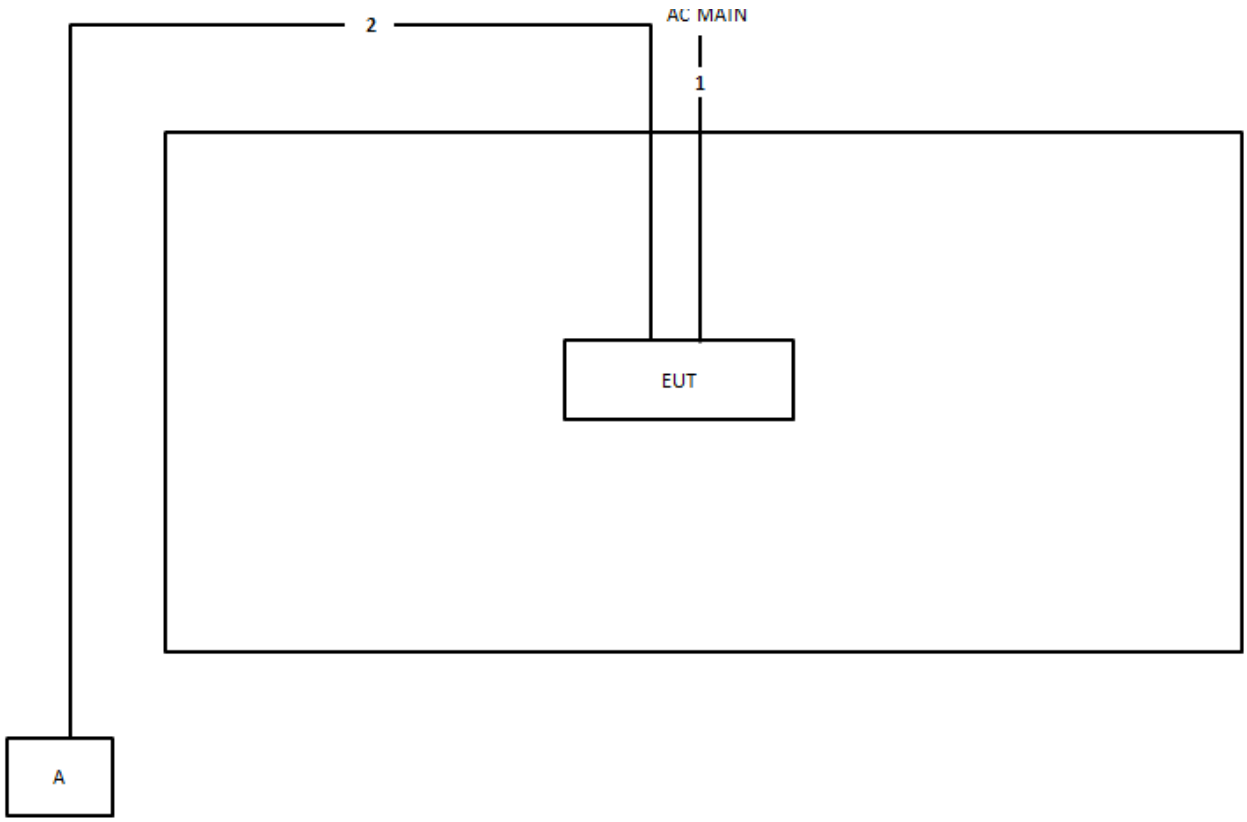
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



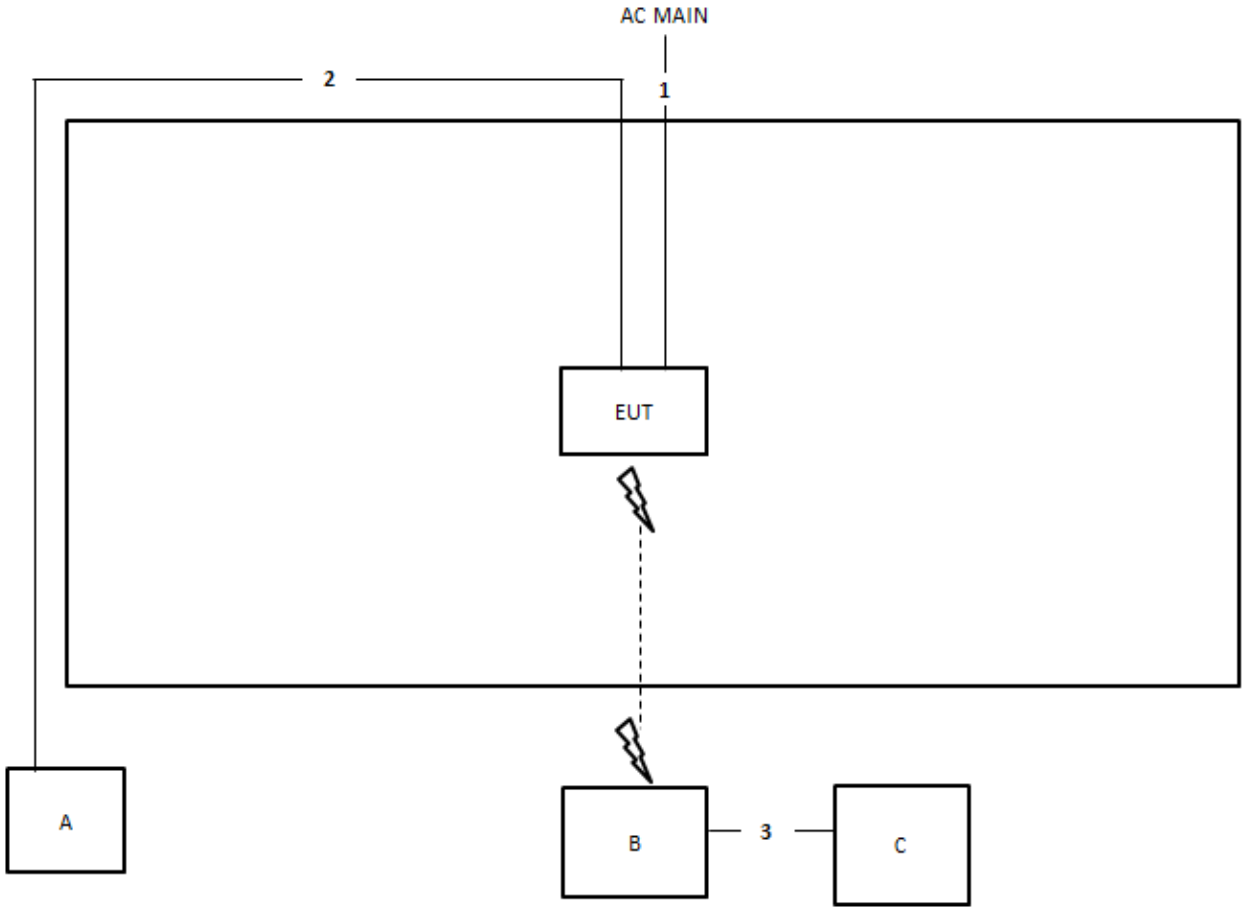
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m
4	Coaxial cable	Yes	1m

Test Setup Diagram - Radiated Test < 1GHz / Radiated Test > 1GHz / Non-Beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / Beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

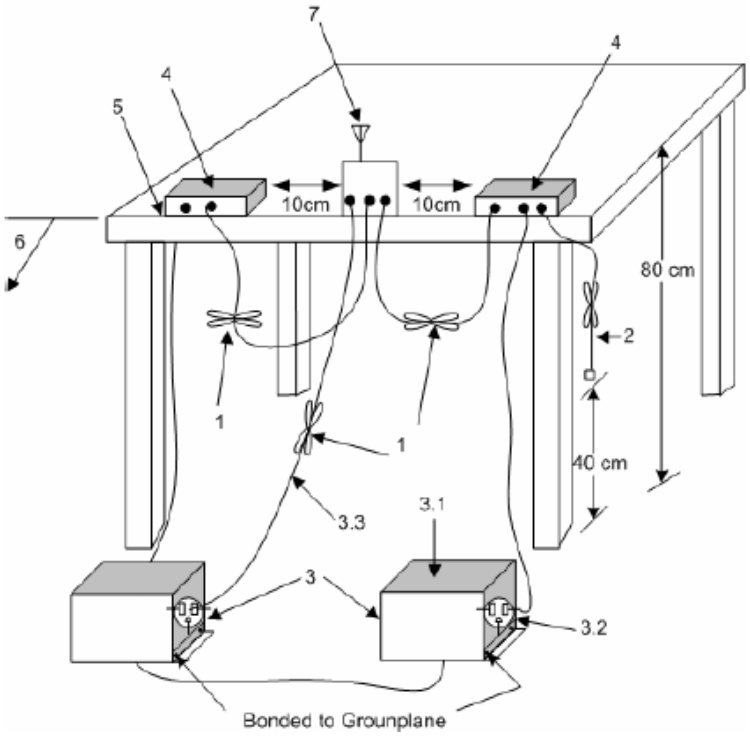
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

3.2.2 Measuring Instruments

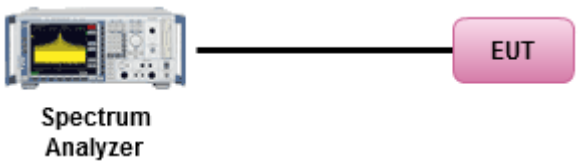
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

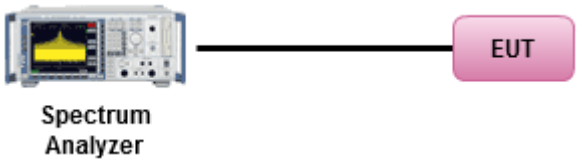
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	[duty cycle ≥ 98% or external video / power trigger]	
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
▪ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of

linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

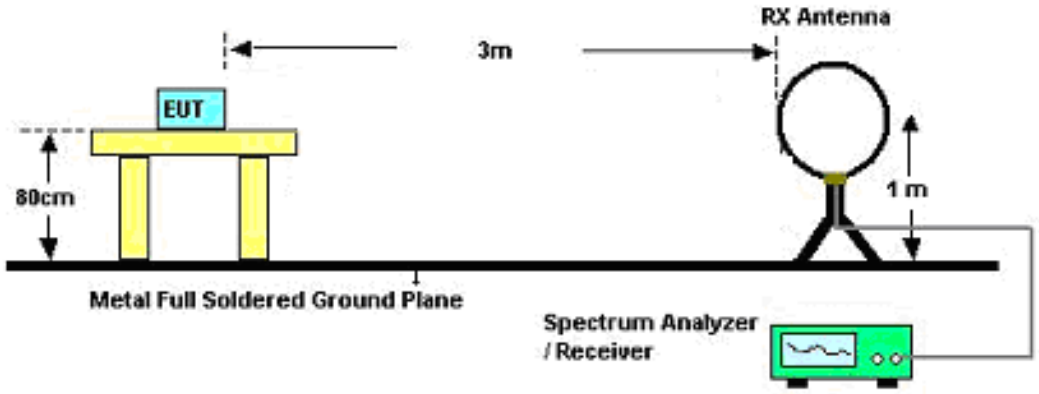
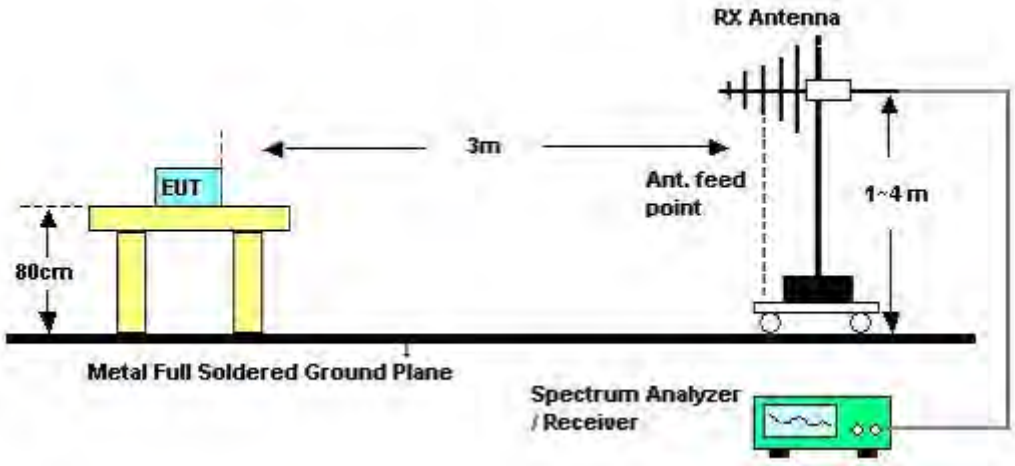
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

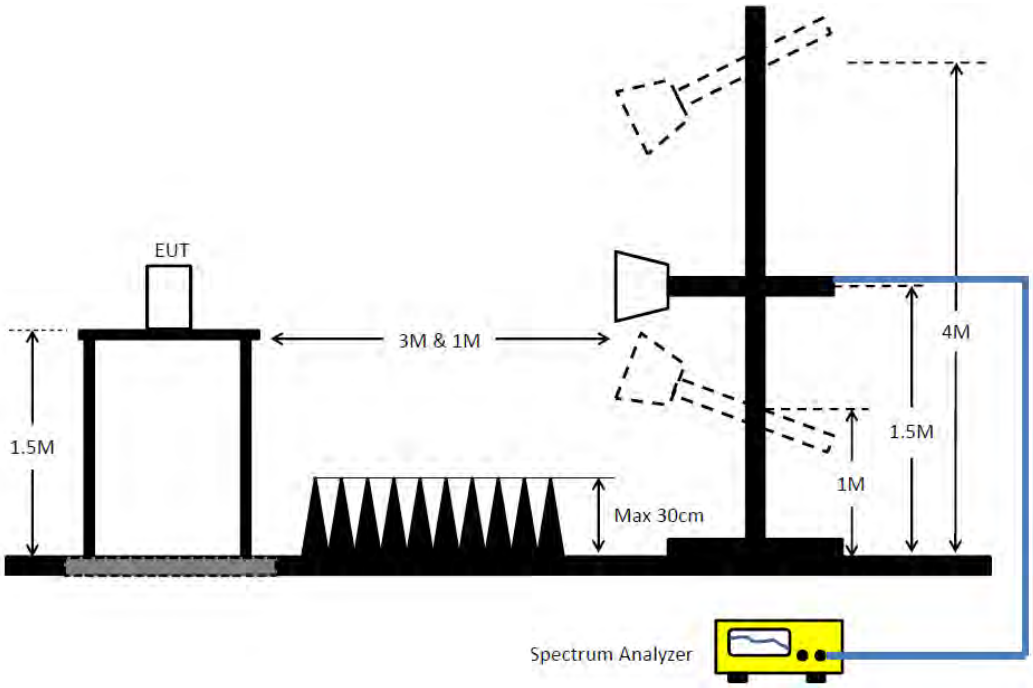
3.5.3 Test Procedures

Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

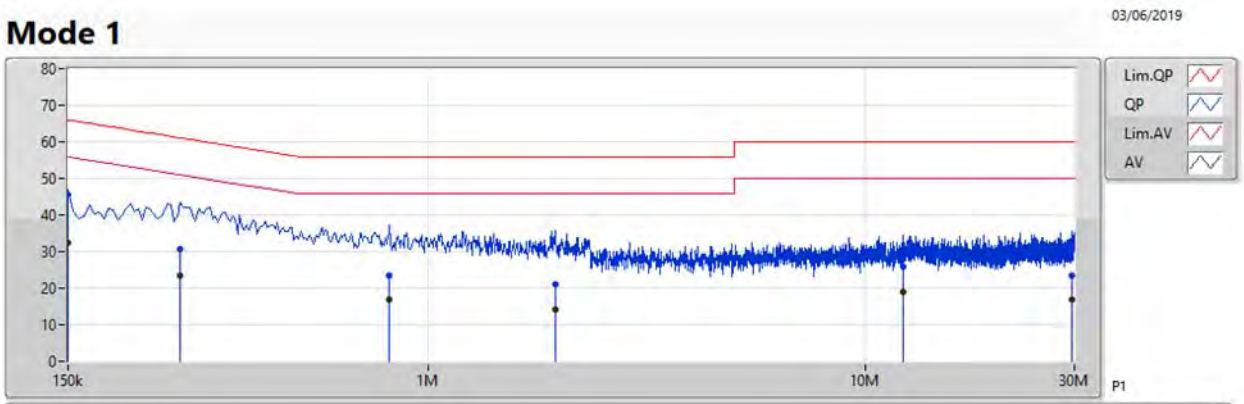
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 28, 2019	Jan. 29, 2020	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 24, 2018	Dec. 23, 2019	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Jan. 11, 2019	Jan. 10, 2020	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	150kHz ~ 30MHz	May 22, 2018	May 21, 2019	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH03-CB)
Bilog Antenna	Schaffner	CBL6112B & N-6-06	2928 & AT-N0607	20MHz ~ 2GHz	Jan. 02, 2019	Jan. 01, 2020	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2019	Jan. 23, 2020	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Dec. 20, 2018	Dec. 19, 2019	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 16, 2019	Jan. 15, 2020	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	100359	9kHz ~ 2.75GHz	Jul. 03, 2018	Jul. 02, 2019	Radiation (03CH03-CB)
Low Cable	Woken	RG402	Low Cable-02+27	25MHz ~ 1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
High Cable	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
High Cable	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

N.C.R. means Non-Calibration required.

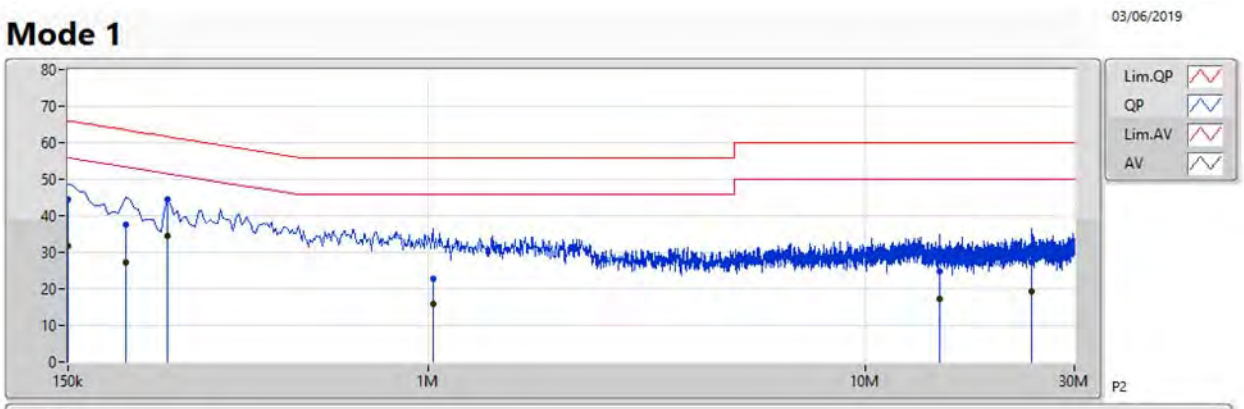
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	CTX		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	45.35	66.00	-20.65	9.90	Line	"Worst"	35.45	0.05	0.06	9.79
AV	150k	32.46	56.00	-23.54	9.90	Line	-	22.56	0.05	0.06	9.79
QP	271.5k	30.61	61.07	-30.46	9.92	Line	-	20.69	0.06	0.06	9.80
AV	271.5k	23.54	51.07	-27.53	9.92	Line	-	13.62	0.06	0.06	9.80
QP	816k	23.52	56.00	-32.48	9.97	Line	-	13.55	0.07	0.08	9.82
AV	816k	16.74	46.00	-29.26	9.97	Line	-	6.77	0.07	0.08	9.82
QP	1.95M	21.01	56.00	-34.99	10.04	Line	-	10.97	0.09	0.12	9.83
AV	1.95M	14.15	46.00	-31.85	10.04	Line	-	4.11	0.09	0.12	9.83
QP	12.152M	25.94	60.00	-34.06	10.38	Line	-	15.56	0.23	0.23	9.92
AV	12.152M	18.87	50.00	-31.13	10.38	Line	-	8.49	0.23	0.23	9.92
QP	29.639M	23.57	60.00	-36.43	10.72	Line	-	12.85	0.36	0.31	10.05
AV	29.639M	16.80	50.00	-33.20	10.72	Line	-	6.08	0.36	0.31	10.05

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	CTX		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	44.44	66.00	-21.56	9.89	Neutral	-	34.55	0.04	0.06	9.79
AV	150k	31.64	56.00	-24.36	9.89	Neutral	-	21.75	0.04	0.06	9.79
QP	204k	37.72	63.44	-25.72	9.89	Neutral	-	27.83	0.04	0.06	9.79
AV	204k	27.10	53.44	-26.34	9.89	Neutral	-	17.21	0.04	0.06	9.79
QP	253.5k	44.43	61.64	-17.21	9.90	Neutral	-	34.53	0.04	0.06	9.80
AV	253.5k	34.49	51.64	-17.15	9.90	Neutral	"Worst"	24.59	0.04	0.06	9.80
QP	1.023M	22.60	56.00	-33.40	9.97	Neutral	-	12.63	0.06	0.09	9.82
AV	1.023M	16.01	46.00	-29.99	9.97	Neutral	-	6.04	0.06	0.09	9.82
QP	14.78M	25.00	60.00	-35.00	10.36	Neutral	-	14.64	0.22	0.22	9.92
AV	14.78M	17.35	50.00	-32.65	10.36	Neutral	-	6.99	0.22	0.22	9.92
QP	23.996M	27.26	60.00	-32.74	10.66	Neutral	-	16.60	0.31	0.34	10.01
AV	23.996M	19.33	50.00	-30.67	10.66	Neutral	-	8.67	0.31	0.34	10.01

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	42.33M	18.201M	18M2D1D	21.81M	16.582M
802.11ac VHT20_Nss1,(MCS0)_4TX	42.57M	20.39M	20M4D1D	21.54M	17.781M
802.11ac VHT40_Nss1,(MCS0)_4TX	77.22M	36.522M	36M5D1D	39.9M	36.102M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.96M	75.802M	75M8D1D	81.48M	75.682M
802.11ax HEW20_Nss1,(MCS0)_4TX	42.96M	20.18M	20M2D1D	21.72M	18.951M
802.11ax HEW40_Nss1,(MCS0)_4TX	65.46M	37.781M	37M8D1D	39.9M	37.541M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.72M	77.121M	77M1D1D	81.12M	77.001M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	40.41M	18.861M	18M9D1D	21.54M	17.751M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	81.6M	36.762M	36M8D1D	39.66M	36.162M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.72M	75.802M	75M8D1D	81.24M	75.442M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	41.22M	19.49M	19M5D1D	22.98M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	75.48M	37.961M	38M0D1D	39.96M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.08M	77.121M	77M1D1D	81.6M	76.762M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.56M	16.882M	16M9D1D	16.32M	16.522M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.58M	17.931M	17M9D1D	17.55M	17.751M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.36M	36.522M	36M5D1D	36.24M	36.222M
802.11ac VHT80_Nss1,(MCS0)_4TX	75.72M	75.802M	75M8D1D	74.88M	75.682M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.05M	19.07M	19M1D1D	18.9M	18.951M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.74M	37.841M	37M8D1D	36.48M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.04M	77.121M	77M1D1D	76.68M	77.001M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.61M	17.871M	17M9D1D	17.55M	17.751M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.36M	36.402M	36M4D1D	36.3M	36.162M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.24M	75.802M	75M8D1D	75.12M	75.562M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	19.04M	19M0D1D	18.9M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.5M	37.721M	37M7D1D	37.2M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	76.92M	77.241M	77M2D1D	76.68M	77.121M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	33.54M	16.702M	21.99M	16.582M	22.32M	16.612M	21.81M	16.612M
5200MHz	Pass	Inf	34.89M	16.762M	37.71M	16.822M	30.39M	16.732M	27.24M	16.702M
5240MHz	Pass	Inf	33.78M	16.732M	42.33M	18.201M	41.52M	17.661M	38.1M	16.822M
5745MHz	Pass	500k	16.32M	16.882M	16.35M	16.882M	16.35M	16.882M	16.44M	16.672M
5785MHz	Pass	500k	16.44M	16.612M	16.32M	16.672M	16.56M	16.642M	16.32M	16.582M
5825MHz	Pass	500k	16.32M	16.582M	16.35M	16.612M	16.56M	16.582M	16.35M	16.522M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.69M	17.781M	21.9M	17.781M	21.54M	17.781M	21.72M	17.781M
5200MHz	Pass	Inf	35.73M	18.021M	35.31M	17.991M	27.75M	17.871M	40.86M	18.141M
5240MHz	Pass	Inf	36.93M	17.991M	42.57M	20.39M	42.27M	19.94M	38.85M	17.991M
5745MHz	Pass	500k	17.58M	17.841M	17.58M	17.871M	17.58M	17.931M	17.55M	17.811M
5785MHz	Pass	500k	17.58M	17.751M	17.58M	17.781M	17.58M	17.781M	17.55M	17.781M
5825MHz	Pass	500k	17.58M	17.781M	17.58M	17.781M	17.58M	17.751M	17.55M	17.811M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	36.222M	39.9M	36.102M	40.14M	36.342M	40.38M	36.282M
5230MHz	Pass	Inf	40.68M	36.222M	77.22M	36.522M	67.44M	36.342M	63.72M	36.342M
5755MHz	Pass	500k	36.24M	36.522M	36.3M	36.402M	36.3M	36.462M	36.36M	36.282M
5795MHz	Pass	500k	36.36M	36.342M	36.36M	36.282M	36.36M	36.222M	36.36M	36.342M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.96M	75.802M	81.48M	75.682M	81.48M	75.682M	81.96M	75.682M
5775MHz	Pass	500k	75.36M	75.802M	75.72M	75.802M	74.88M	75.682M	75.72M	75.802M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.72M	18.981M	22.44M	18.951M	21.93M	18.951M	23.16M	18.951M
5200MHz	Pass	Inf	29.73M	19.04M	39.33M	19.04M	29.73M	18.981M	36.6M	19.04M
5240MHz	Pass	Inf	36.51M	19.07M	42.96M	20.18M	40.98M	19.49M	38.79M	19.07M
5745MHz	Pass	500k	18.9M	19.01M	18.99M	19.07M	18.9M	19.04M	18.93M	19.01M
5785MHz	Pass	500k	18.96M	18.981M	18.96M	19.01M	18.9M	19.01M	19.05M	18.981M
5825MHz	Pass	500k	19.02M	18.951M	19.05M	18.981M	18.96M	18.951M	18.99M	18.981M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	37.541M	40.14M	37.541M	40.08M	37.601M	39.9M	37.541M
5230MHz	Pass	Inf	42.9M	37.661M	65.46M	37.781M	64.68M	37.661M	51.48M	37.661M
5755MHz	Pass	500k	37.2M	37.661M	36.48M	37.721M	37.74M	37.841M	37.38M	37.661M
5795MHz	Pass	500k	37.2M	37.721M	37.2M	37.601M	37.56M	37.601M	37.5M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.48M	77.121M	81.36M	77.121M	81.12M	77.121M	81.72M	77.001M
5775MHz	Pass	500k	76.8M	77.001M	77.04M	77.121M	76.68M	77.121M	76.8M	77.121M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.87M	17.751M	21.87M	17.781M	21.54M	17.811M	21.81M	17.751M
5200MHz	Pass	Inf	30.27M	17.901M	32.91M	17.841M	26.94M	17.811M	35.25M	17.901M
5240MHz	Pass	Inf	29.4M	17.901M	40.41M	18.861M	39.99M	18.471M	36.6M	17.931M
5745MHz	Pass	500k	17.55M	17.811M	17.58M	17.811M	17.58M	17.871M	17.61M	17.781M
5785MHz	Pass	500k	17.58M	17.811M	17.58M	17.781M	17.55M	17.811M	17.58M	17.781M
5825MHz	Pass	500k	17.58M	17.781M	17.58M	17.751M	17.58M	17.781M	17.58M	17.781M

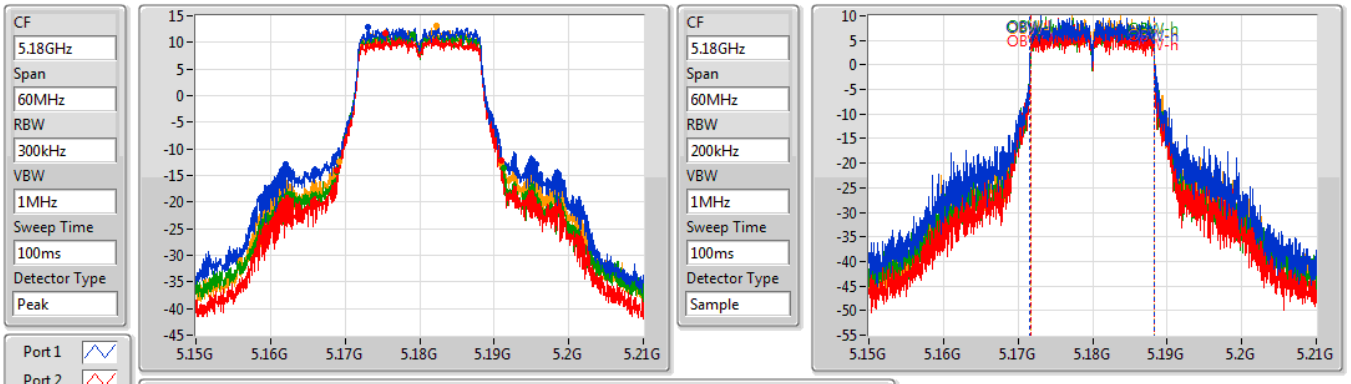
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.66M	36.162M	39.84M	36.282M	39.84M	36.282M	40.32M	36.282M
5230MHz	Pass	Inf	56.88M	36.462M	81.6M	36.762M	75.78M	36.582M	74.52M	36.462M
5755MHz	Pass	500k	36.36M	36.342M	36.3M	36.282M	36.3M	36.342M	36.36M	36.282M
5795MHz	Pass	500k	36.3M	36.402M	36.36M	36.342M	36.3M	36.342M	36.36M	36.162M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.72M	75.682M	81.24M	75.802M	81.24M	75.802M	81.6M	75.442M
5775MHz	Pass	500k	75.12M	75.562M	75.24M	75.802M	75.24M	75.682M	75.12M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.04M	19.01M	22.98M	18.981M	23.19M	18.951M	25.08M	18.981M
5200MHz	Pass	Inf	28.35M	19.04M	36.63M	19.07M	30.51M	19.01M	37.83M	19.07M
5240MHz	Pass	Inf	27.78M	19.04M	41.22M	19.49M	40.65M	19.22M	36.69M	19.04M
5745MHz	Pass	500k	18.93M	19.04M	18.9M	19.01M	18.99M	18.981M	19.02M	19.04M
5785MHz	Pass	500k	18.96M	18.981M	18.99M	18.981M	18.96M	18.981M	19.05M	18.981M
5825MHz	Pass	500k	18.93M	18.981M	19.05M	18.981M	18.96M	18.981M	19.02M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	37.601M	40.08M	37.541M	40.08M	37.541M	39.96M	37.541M
5230MHz	Pass	Inf	62.64M	37.721M	75.48M	37.961M	69.24M	37.841M	64.26M	37.781M
5755MHz	Pass	500k	37.2M	37.661M	37.32M	37.541M	37.5M	37.721M	37.32M	37.601M
5795MHz	Pass	500k	37.2M	37.601M	37.5M	37.601M	37.26M	37.541M	37.26M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	76.762M	82.08M	77.001M	81.84M	77.121M	82.08M	77.001M
5775MHz	Pass	500k	76.92M	77.241M	76.92M	77.121M	76.68M	77.241M	76.92M	77.121M

Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

09/05/2019

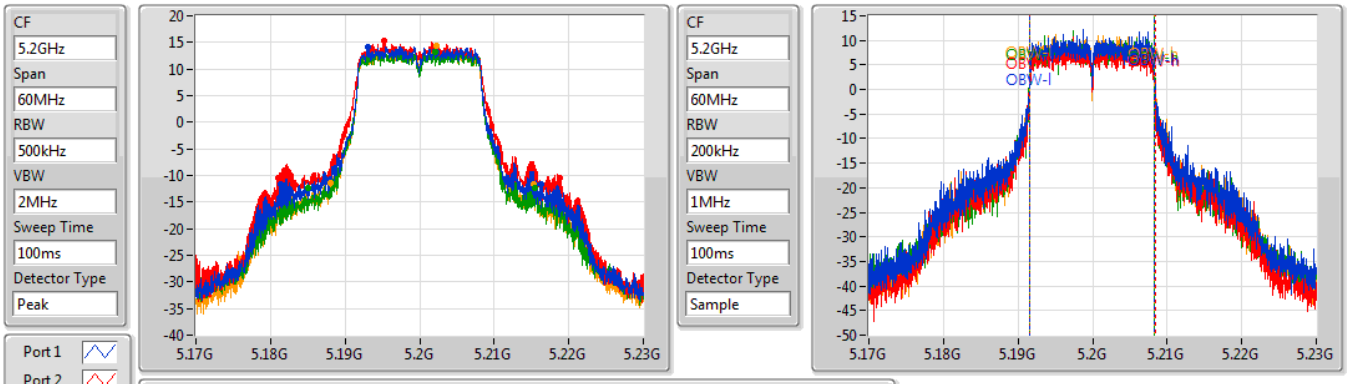


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.54M	5.16209G	5.19563G	16.702M	5.171634G	5.188336G	Inf	1
21.99M	5.16896G	5.19095G	16.582M	5.171694G	5.188276G	Inf	2
22.32M	5.16896G	5.19128G	16.612M	5.171664G	5.188276G	Inf	3
21.81M	5.1692G	5.19101G	16.612M	5.171694G	5.188306G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

09/05/2019

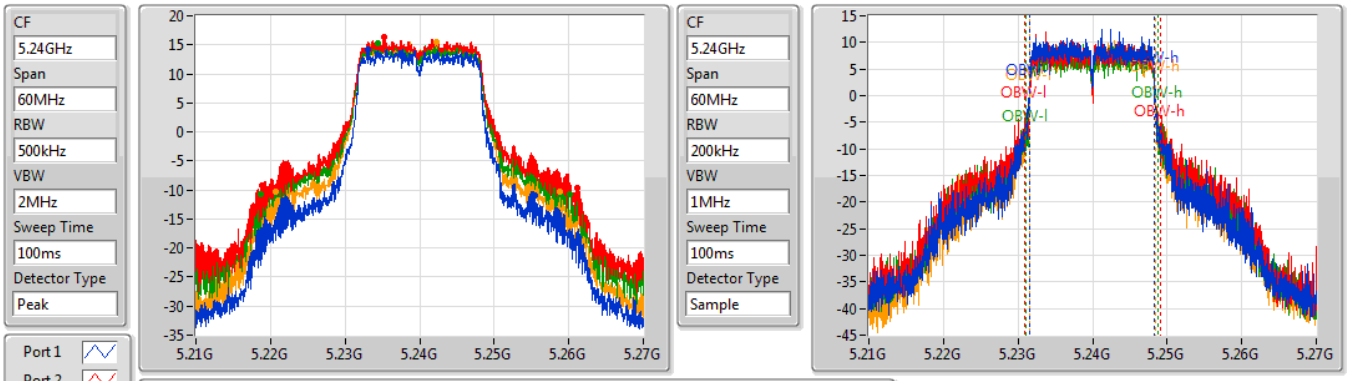


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.89M	5.18143G	5.21632G	16.762M	5.191574G	5.208336G	Inf	1
37.71M	5.18107G	5.21878G	16.822M	5.191544G	5.208366G	Inf	2
30.39M	5.18506G	5.21545G	16.732M	5.191604G	5.208336G	Inf	3
27.24M	5.18812G	5.21536G	16.702M	5.191604G	5.208306G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

09/05/2019

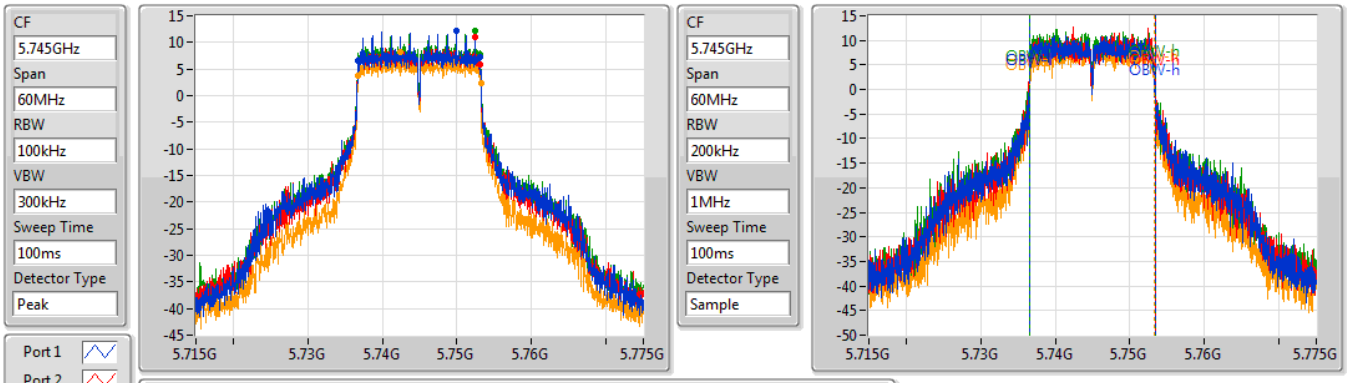


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.78M	5.22167G	5.25545G	16.732M	5.231544G	5.248276G	Inf	1
42.33M	5.21885G	5.26118G	18.201M	5.230855G	5.249055G	Inf	2
41.52M	5.2187G	5.26022G	17.661M	5.231034G	5.248696G	Inf	3
38.1M	5.22077G	5.25887G	16.822M	5.231544G	5.248366G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

10/05/2019

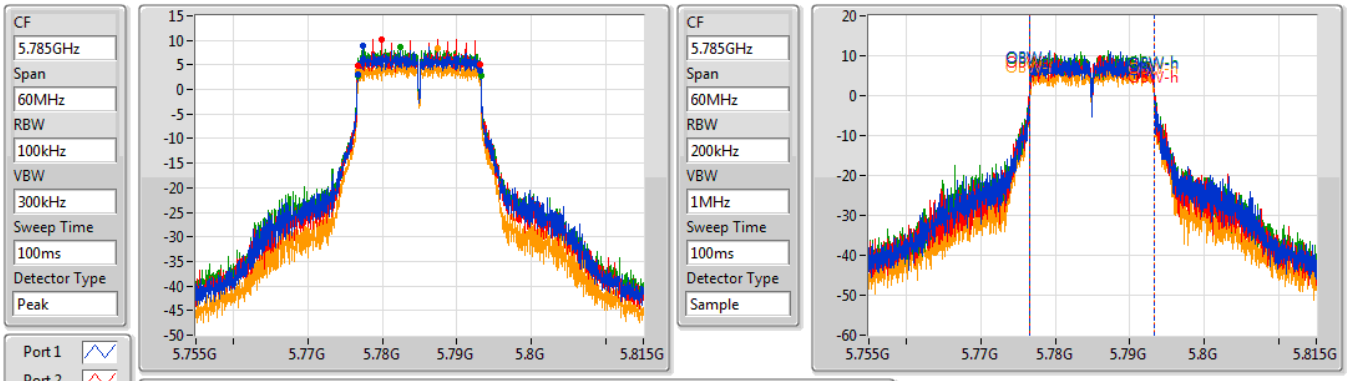


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73678G	5.7531G	16.882M	5.736514G	5.753396G	500k	1
16.35M	5.73678G	5.75313G	16.882M	5.736484G	5.753366G	500k	2
16.35M	5.73675G	5.7531G	16.882M	5.736484G	5.753366G	500k	3
16.44M	5.73675G	5.75319G	16.672M	5.736604G	5.753276G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

10/05/2019

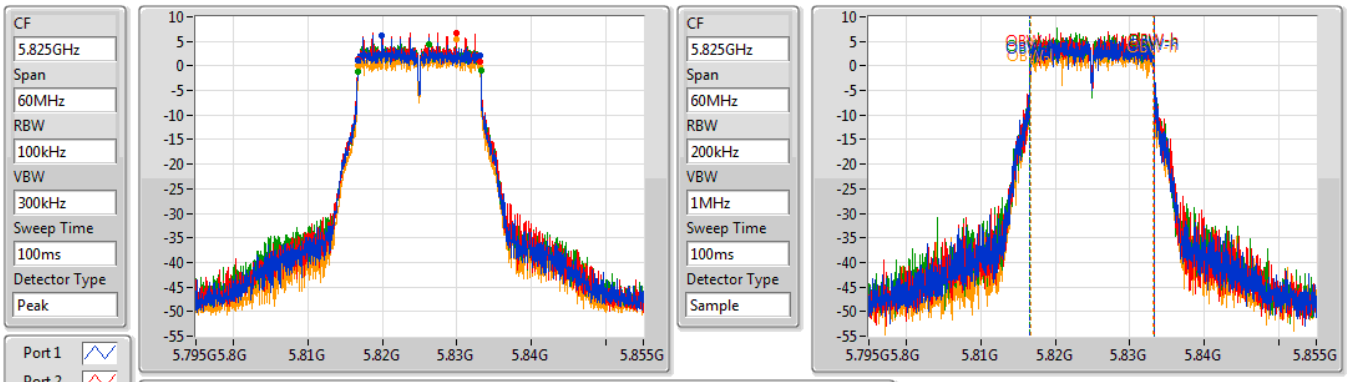


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.44M	5.77669G	5.79313G	16.612M	5.776634G	5.793246G	500k	1
16.32M	5.77678G	5.7931G	16.672M	5.776604G	5.793276G	500k	2
16.56M	5.77666G	5.79322G	16.642M	5.776604G	5.793246G	500k	3
16.32M	5.77678G	5.7931G	16.582M	5.776634G	5.793216G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

16/05/2019

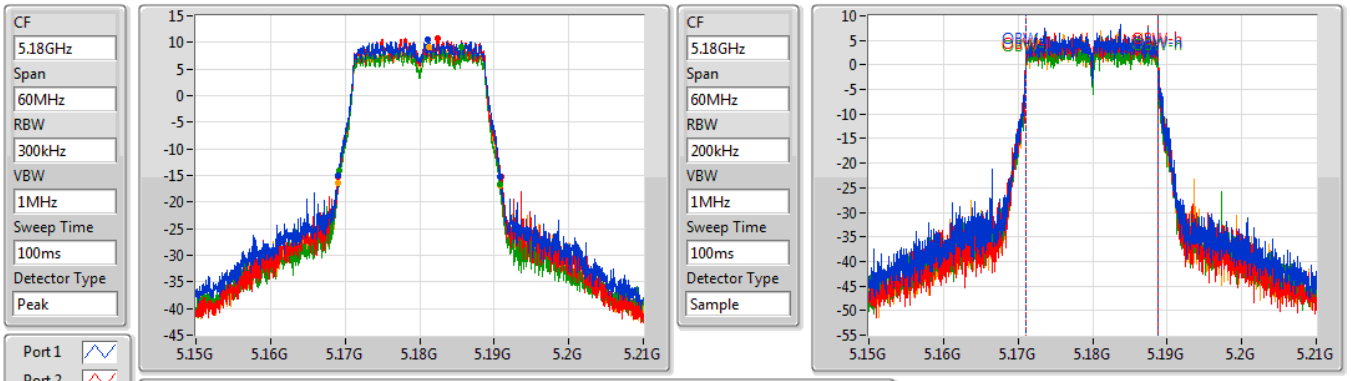


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81678G	5.8331G	16.582M	5.816634G	5.833216G	500k	1
16.35M	5.81678G	5.83313G	16.612M	5.816604G	5.833216G	500k	2
16.56M	5.81666G	5.83322G	16.582M	5.816634G	5.833216G	500k	3
16.35M	5.81678G	5.83313G	16.522M	5.816664G	5.833186G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5180MHz

09/05/2019

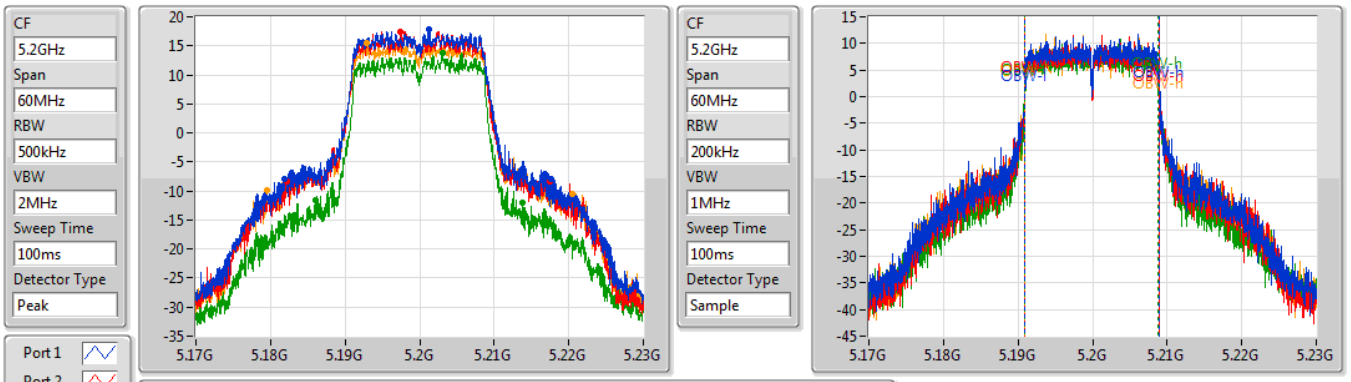


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.16911G	5.1908G	17.781M	5.171064G	5.188846G	Inf	1
21.9M	5.16905G	5.19095G	17.781M	5.171064G	5.188846G	Inf	2
21.54M	5.16917G	5.19071G	17.781M	5.171034G	5.188816G	Inf	3
21.72M	5.16911G	5.19083G	17.781M	5.171064G	5.188846G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5200MHz

09/05/2019

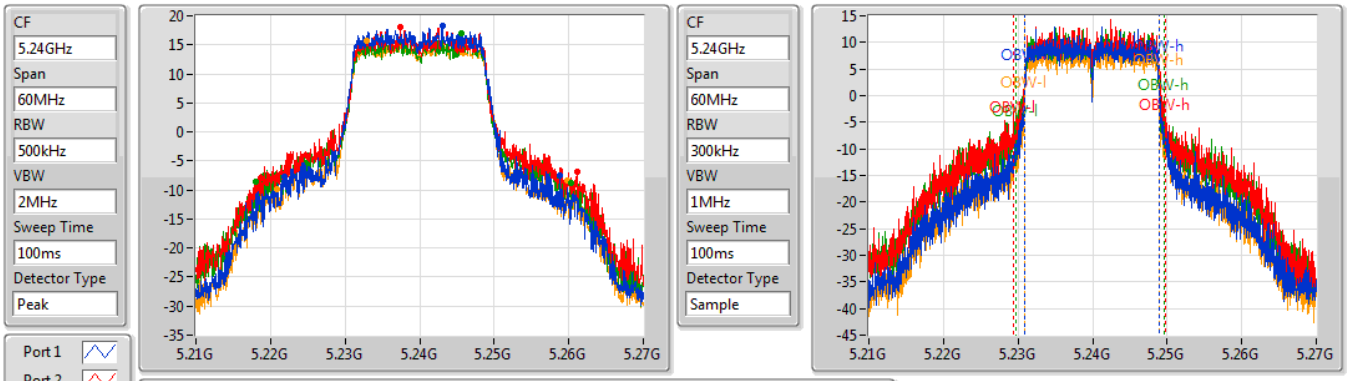


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.73M	5.18191G	5.21764G	18.021M	5.190915G	5.208936G	Inf	1
35.31M	5.18215G	5.21746G	17.991M	5.190915G	5.208906G	Inf	2
27.75M	5.18608G	5.21383G	17.871M	5.190975G	5.208846G	Inf	3
40.86M	5.17954G	5.2204G	18.141M	5.190855G	5.208996G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5240MHz

09/05/2019

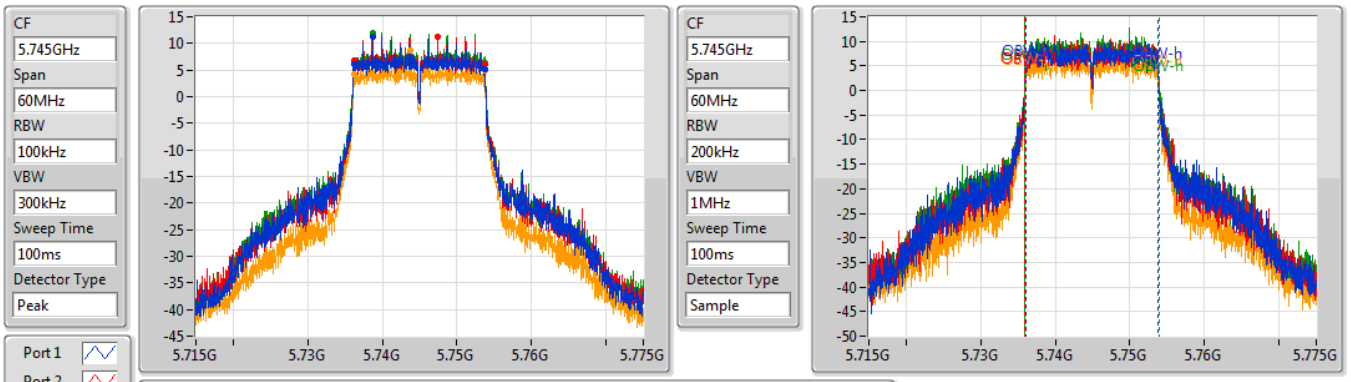


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.93M	5.22185G	5.25878G	17.991M	5.230945G	5.248936G	Inf	1
42.57M	5.21861G	5.26118G	20.39M	5.229355G	5.249745G	Inf	2
42.27M	5.21801G	5.26028G	19.94M	5.229655G	5.249595G	Inf	3
38.85M	5.22092G	5.25977G	17.991M	5.230945G	5.248936G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5745MHz

10/05/2019

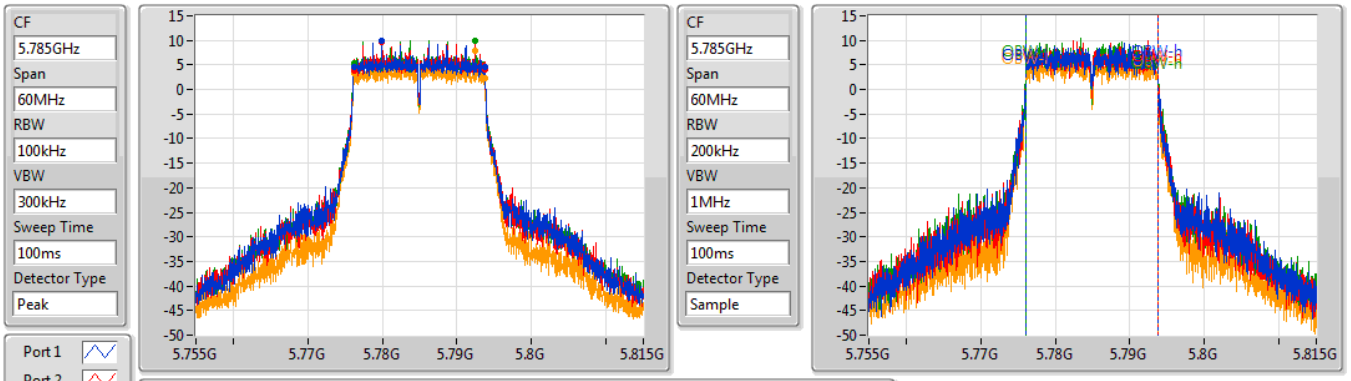


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.73615G	5.75373G	17.841M	5.736004G	5.753846G	500k	1
17.58M	5.73615G	5.75373G	17.871M	5.735975G	5.753846G	500k	2
17.58M	5.73615G	5.75373G	17.931M	5.735975G	5.753906G	500k	3
17.55M	5.73615G	5.7537G	17.811M	5.736034G	5.753846G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5785MHz

10/05/2019

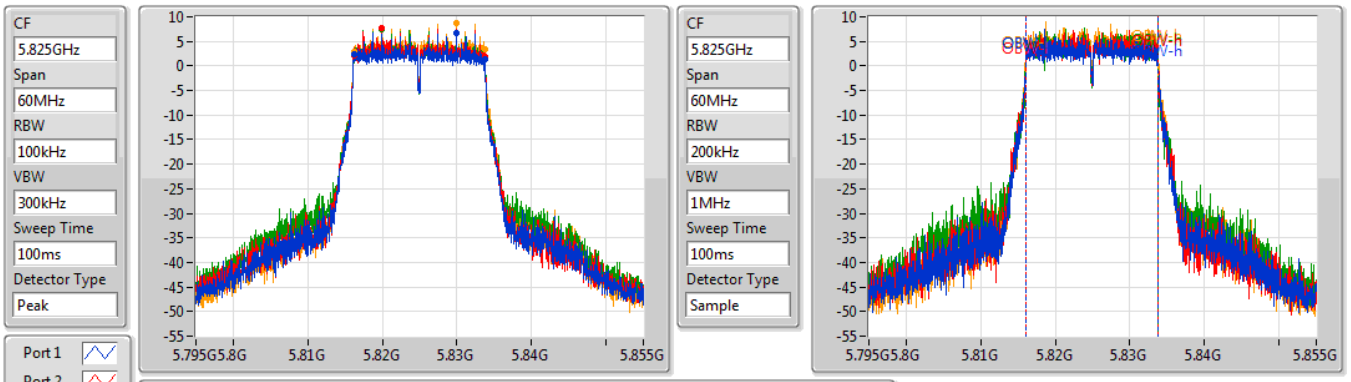


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.77615G	5.79373G	17.751M	5.776034G	5.793786G	500k	1
17.58M	5.77615G	5.79373G	17.781M	5.776034G	5.793816G	500k	2
17.58M	5.77615G	5.79373G	17.781M	5.776064G	5.793846G	500k	3
17.55M	5.77615G	5.7937G	17.781M	5.776004G	5.793786G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5825MHz

28/05/2019

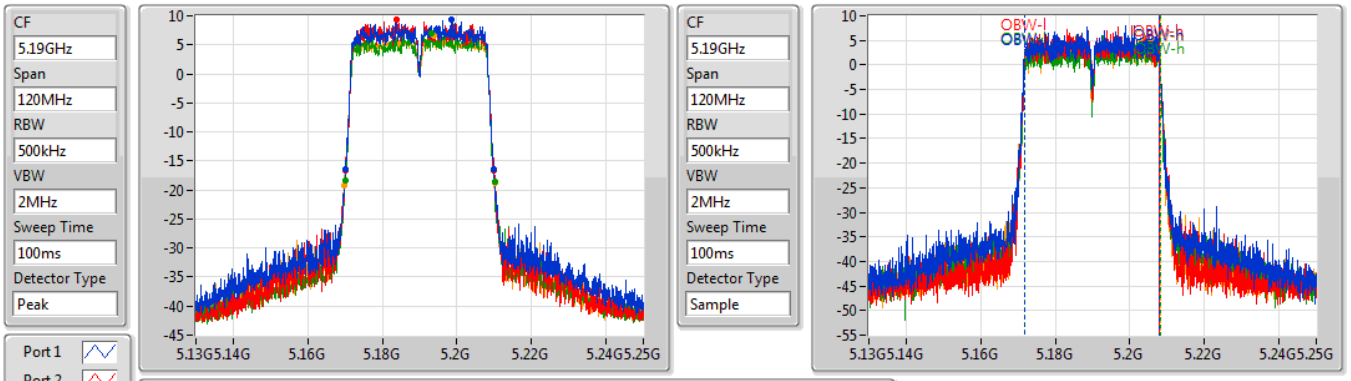


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.81615G	5.83373G	17.781M	5.816034G	5.833816G	500k	1
17.58M	5.81615G	5.83373G	17.781M	5.816034G	5.833816G	500k	2
17.58M	5.81615G	5.83373G	17.751M	5.816034G	5.833786G	500k	3
17.55M	5.81615G	5.8337G	17.811M	5.816034G	5.833846G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5190MHz

09/05/2019

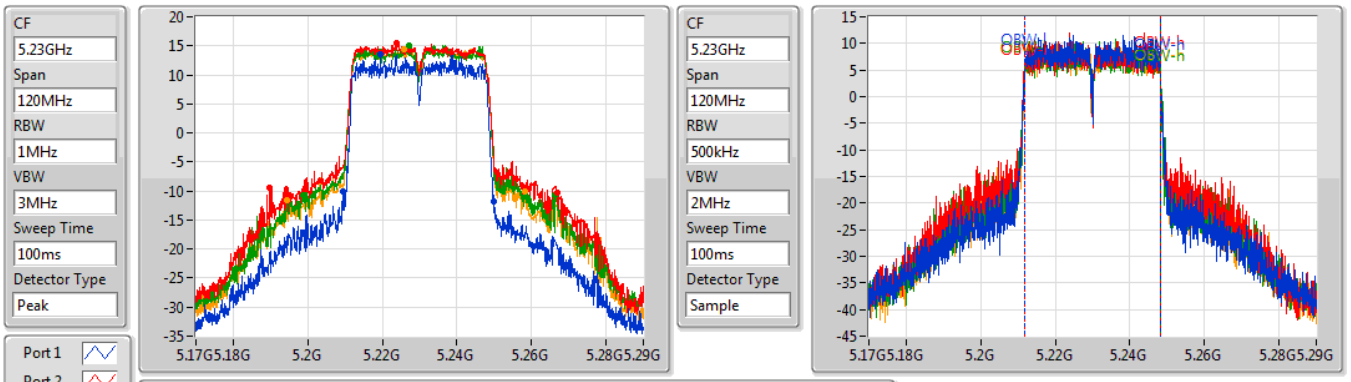


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.17002G	5.20998G	36.222M	5.171769G	5.207991G	Inf	1
39.9M	5.17008G	5.20998G	36.102M	5.171889G	5.207991G	Inf	2
40.14M	5.16996G	5.2101G	36.342M	5.171769G	5.208111G	Inf	3
40.38M	5.16978G	5.21016G	36.282M	5.171829G	5.208111G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5230MHz

09/05/2019

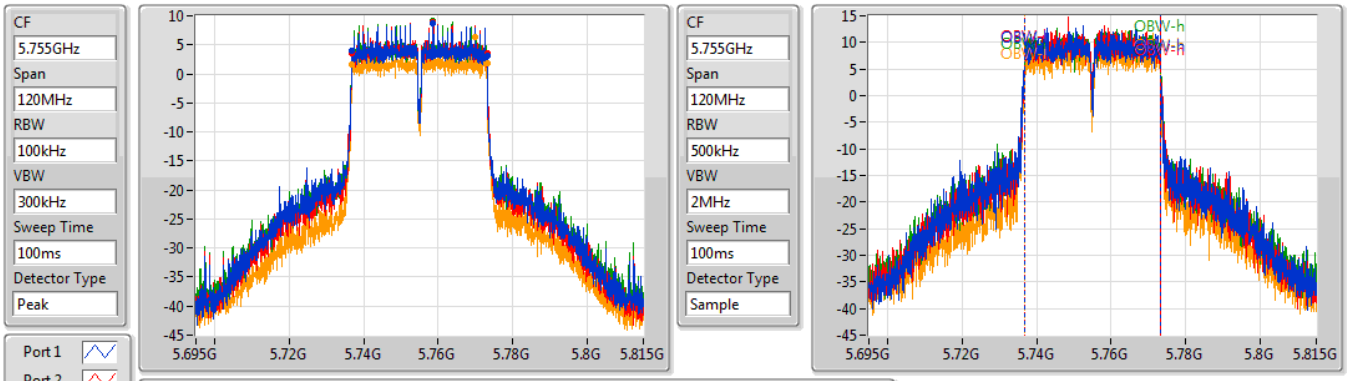


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.2093G	5.24998G	36.222M	5.211829G	5.248051G	Inf	1
77.22M	5.18974G	5.26696G	36.522M	5.211649G	5.248171G	Inf	2
67.44M	5.1988G	5.26624G	36.342M	5.211769G	5.248111G	Inf	3
63.72M	5.19442G	5.25814G	36.342M	5.211769G	5.248111G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5755MHz

10/05/2019

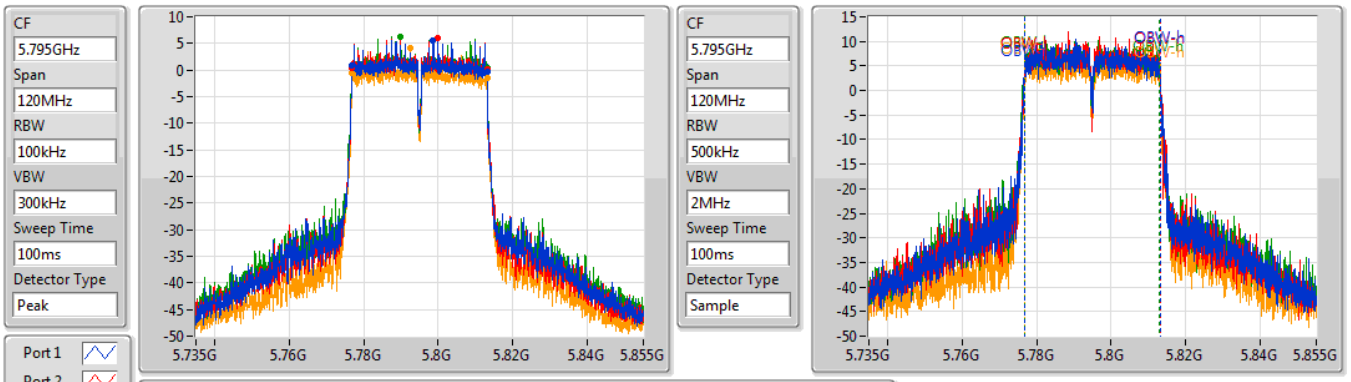


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.24M	5.73682G	5.77306G	36.522M	5.736649G	5.773171G	500k	1
36.3M	5.73676G	5.77306G	36.402M	5.736769G	5.773171G	500k	2
36.3M	5.73682G	5.77312G	36.462M	5.736649G	5.773111G	500k	3
36.36M	5.73676G	5.77312G	36.282M	5.736769G	5.773051G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5795MHz

10/05/2019

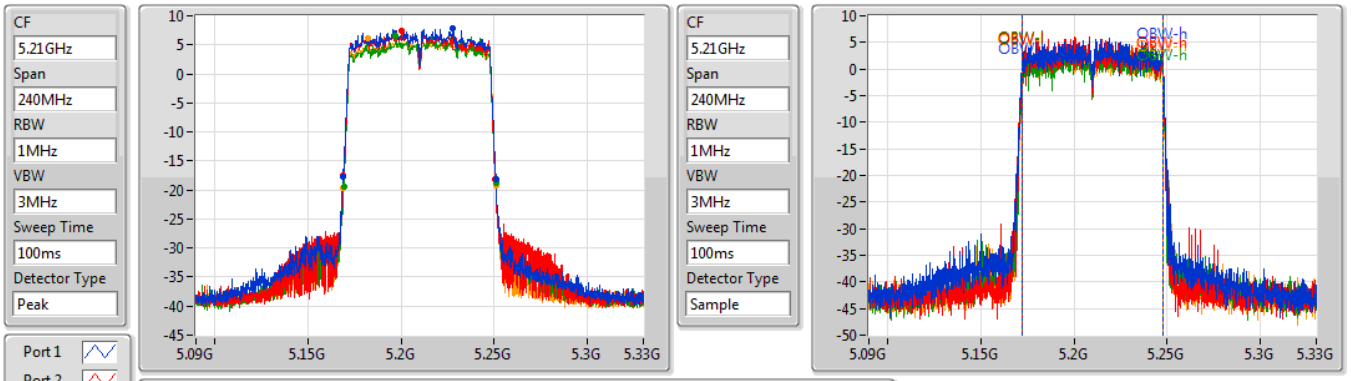


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.36M	5.77676G	5.81312G	36.342M	5.776709G	5.813051G	500k	1
36.36M	5.77676G	5.81312G	36.282M	5.776829G	5.813111G	500k	2
36.36M	5.77676G	5.81312G	36.222M	5.776769G	5.812991G	500k	3
36.36M	5.77676G	5.81312G	36.342M	5.776709G	5.813051G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5210MHz

09/05/2019

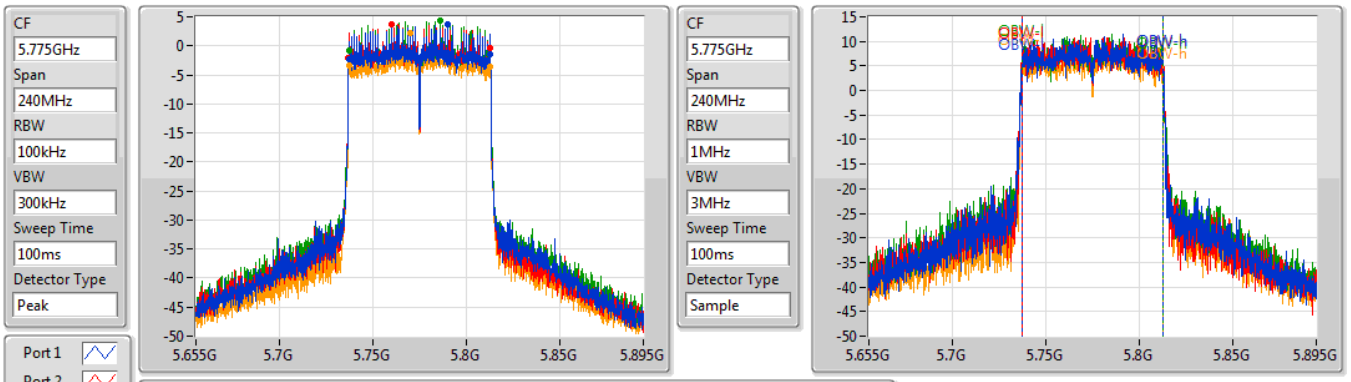


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.16896G	5.25092G	75.802M	5.171979G	5.247781G	Inf	1
81.48M	5.1692G	5.25068G	75.682M	5.172099G	5.247781G	Inf	2
81.48M	5.16932G	5.2508G	75.682M	5.172099G	5.247781G	Inf	3
81.96M	5.16896G	5.25092G	75.682M	5.172099G	5.247781G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5775MHz

10/05/2019

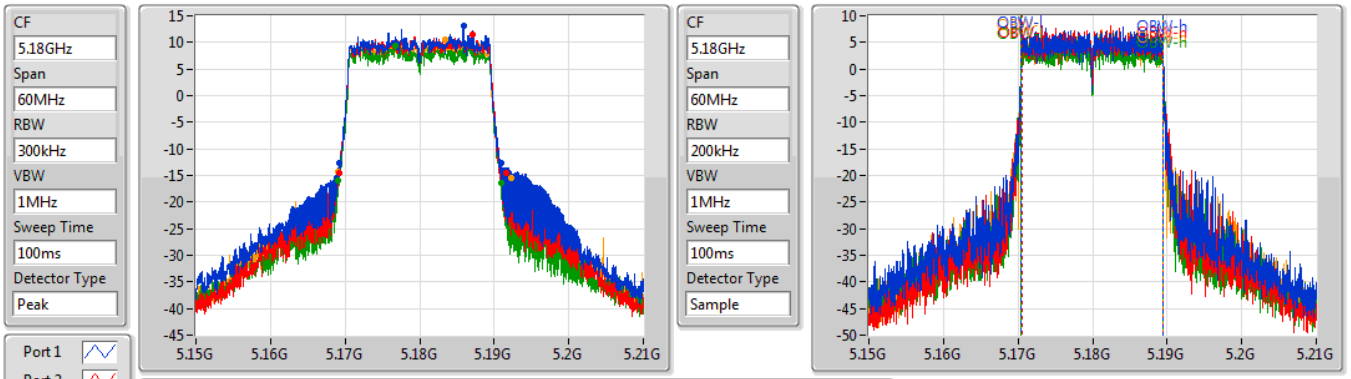


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.36M	5.7372G	5.81256G	75.802M	5.736979G	5.812781G	500k	1
75.72M	5.73684G	5.81256G	75.802M	5.736979G	5.812781G	500k	2
74.88M	5.73732G	5.8122G	75.682M	5.736979G	5.812661G	500k	3
75.72M	5.73732G	5.81304G	75.802M	5.736979G	5.812781G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

09/05/2019

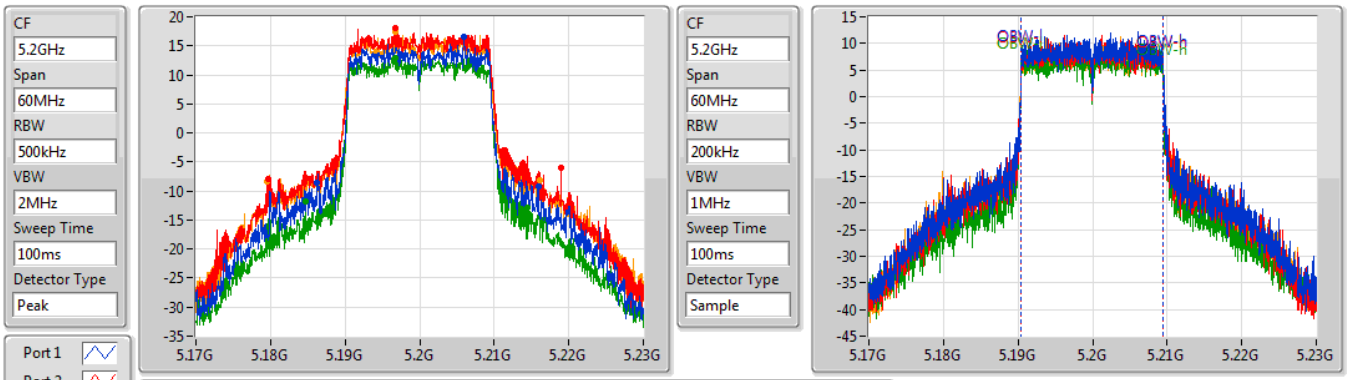


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.16926G	5.19098G	18.981M	5.170465G	5.189445G	Inf	1
22.44M	5.1692G	5.19164G	18.951M	5.170495G	5.189445G	Inf	2
21.93M	5.16905G	5.19098G	18.951M	5.170465G	5.189415G	Inf	3
23.16M	5.16911G	5.19227G	18.951M	5.170465G	5.189415G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

09/05/2019

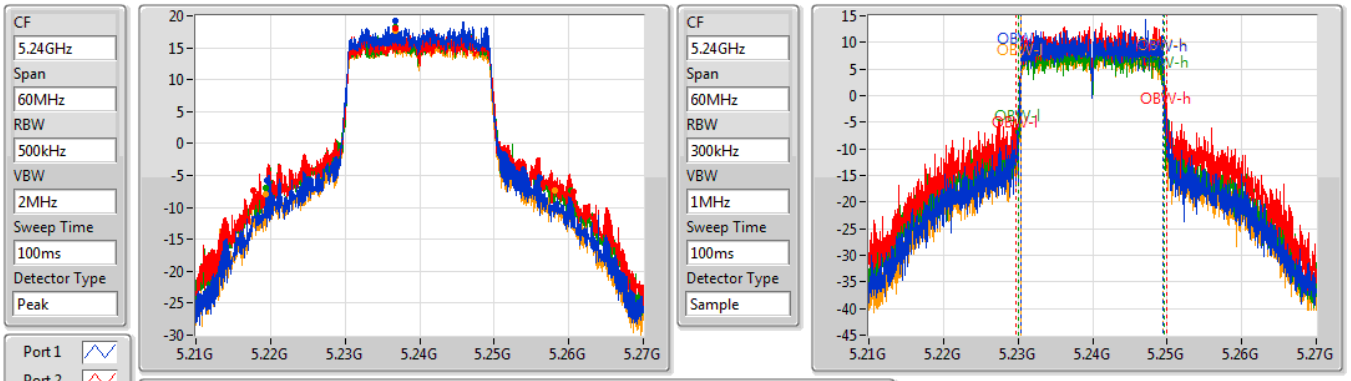


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.73M	5.1862G	5.21593G	19.04M	5.190435G	5.209475G	Inf	1
39.33M	5.17969G	5.21902G	19.04M	5.190435G	5.209475G	Inf	2
29.73M	5.18473G	5.21446G	18.981M	5.190465G	5.209445G	Inf	3
36.6M	5.17957G	5.21617G	19.04M	5.190435G	5.209475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

09/05/2019

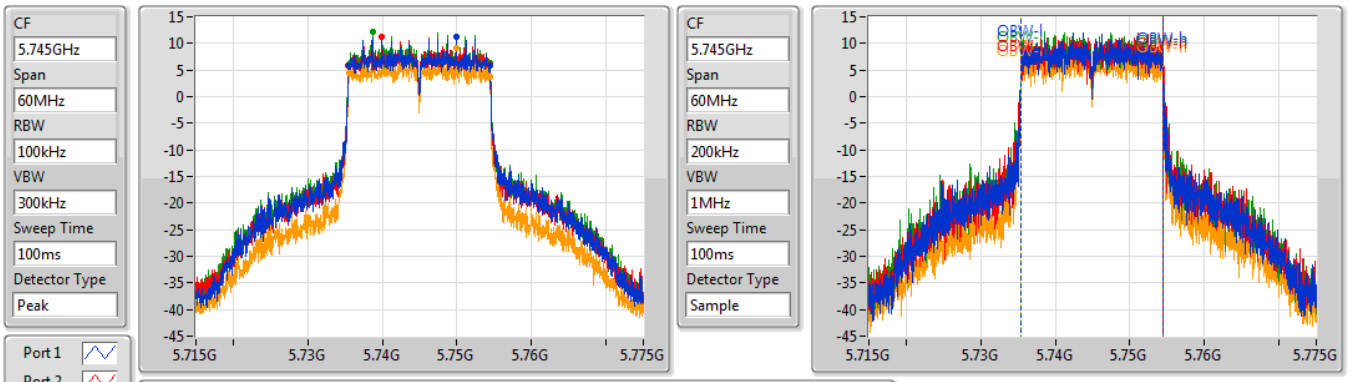


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.51M	5.2196G	5.25611G	19.07M	5.230375G	5.249445G	Inf	1
42.96M	5.21774G	5.2607G	20.18M	5.229775G	5.249955G	Inf	2
40.98M	5.21936G	5.26034G	19.49M	5.230075G	5.249565G	Inf	3
38.79M	5.21942G	5.25821G	19.07M	5.230375G	5.249445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

10/05/2019

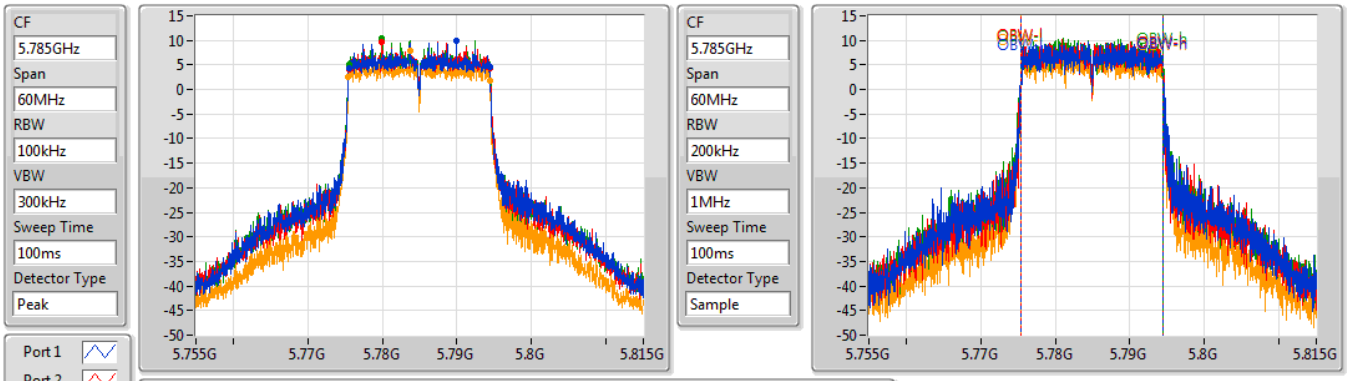


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.73555G	5.75445G	19.01M	5.735435G	5.754445G	500k	1
18.99M	5.73546G	5.75445G	19.07M	5.735405G	5.754475G	500k	2
18.9M	5.73552G	5.75442G	19.04M	5.735405G	5.754445G	500k	3
18.93M	5.73552G	5.75445G	19.01M	5.735435G	5.754445G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

10/05/2019

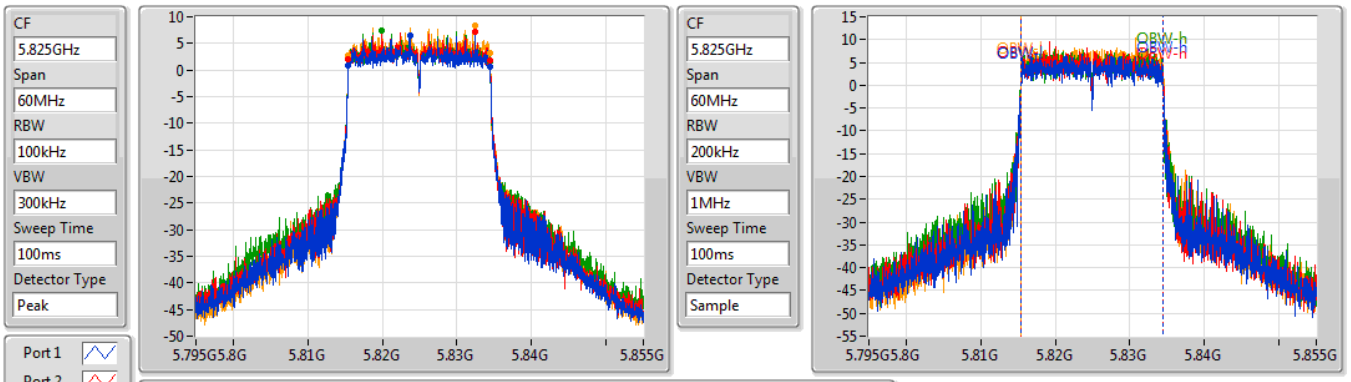


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.77549G	5.79445G	18.981M	5.775435G	5.794415G	500k	1
18.96M	5.77549G	5.79445G	19.01M	5.775405G	5.794415G	500k	2
18.9M	5.77549G	5.79439G	19.01M	5.775435G	5.794445G	500k	3
19.05M	5.77543G	5.79448G	18.981M	5.775435G	5.794415G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

28/05/2019

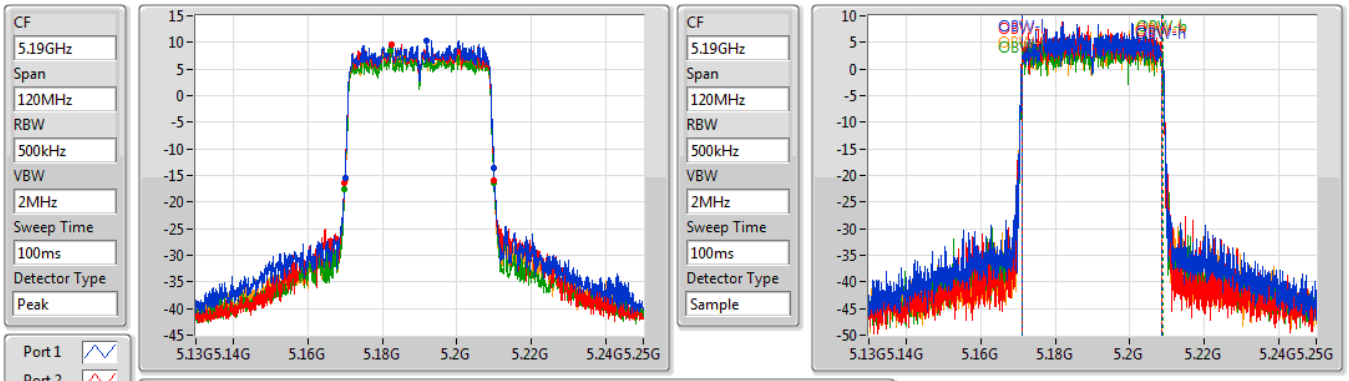


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.81543G	5.83445G	18.951M	5.815435G	5.834385G	500k	1
19.05M	5.81543G	5.83448G	18.981M	5.815435G	5.834415G	500k	2
18.96M	5.81546G	5.83442G	18.951M	5.815435G	5.834385G	500k	3
18.99M	5.81543G	5.83442G	18.981M	5.815435G	5.834415G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

09/05/2019

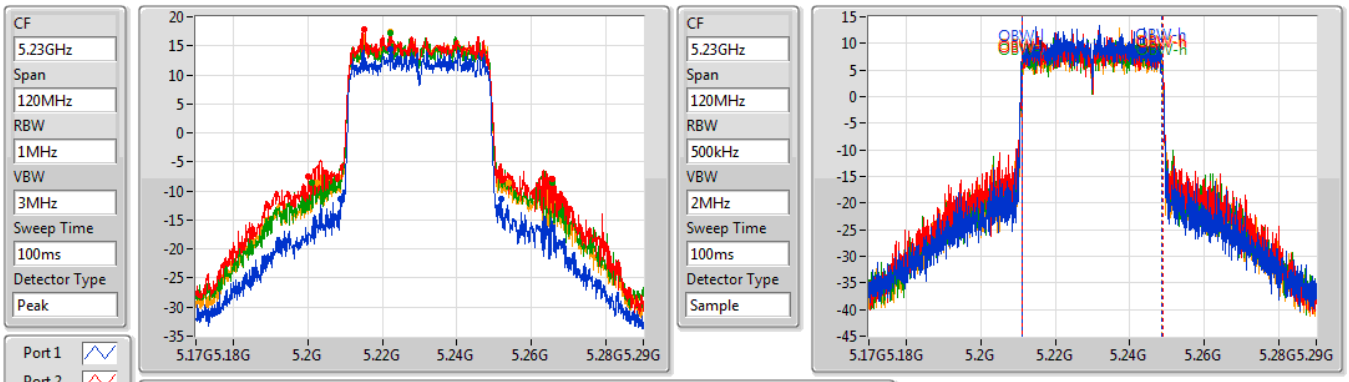


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.16996G	5.20998G	37.541M	5.171169G	5.208711G	Inf	1
40.14M	5.1699G	5.21004G	37.541M	5.171169G	5.208711G	Inf	2
40.08M	5.1699G	5.20998G	37.601M	5.171169G	5.208771G	Inf	3
39.9M	5.17002G	5.20992G	37.541M	5.171169G	5.208711G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

09/05/2019

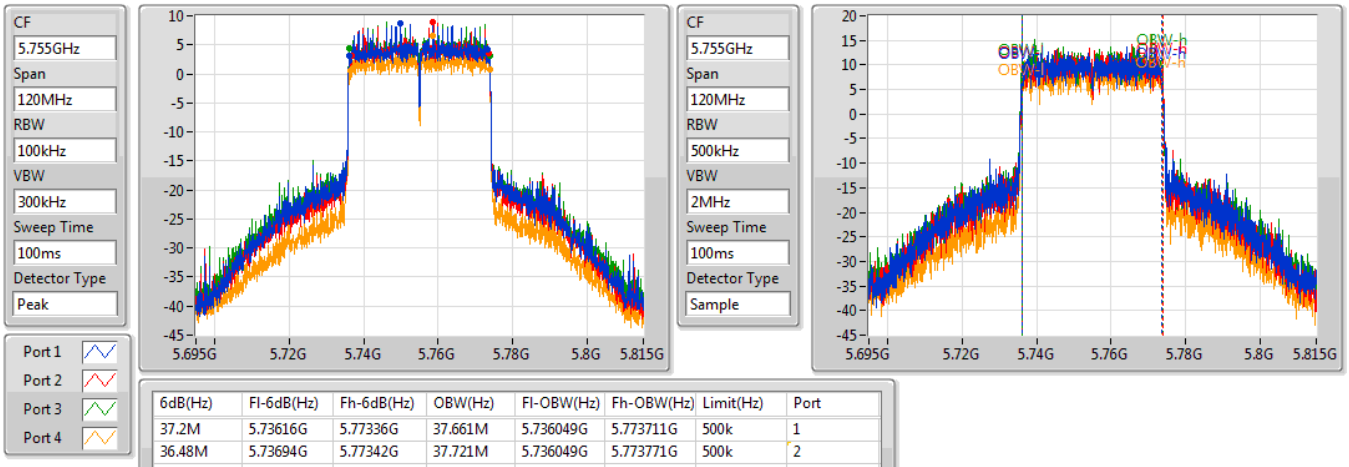


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.9M	5.20888G	5.25178G	37.661M	5.211049G	5.248711G	Inf	1
65.46M	5.20006G	5.26552G	37.781M	5.21099G	5.248771G	Inf	2
64.68M	5.20096G	5.26564G	37.661M	5.211109G	5.248771G	Inf	3
51.48M	5.2024G	5.25388G	37.661M	5.211049G	5.248711G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

10/05/2019

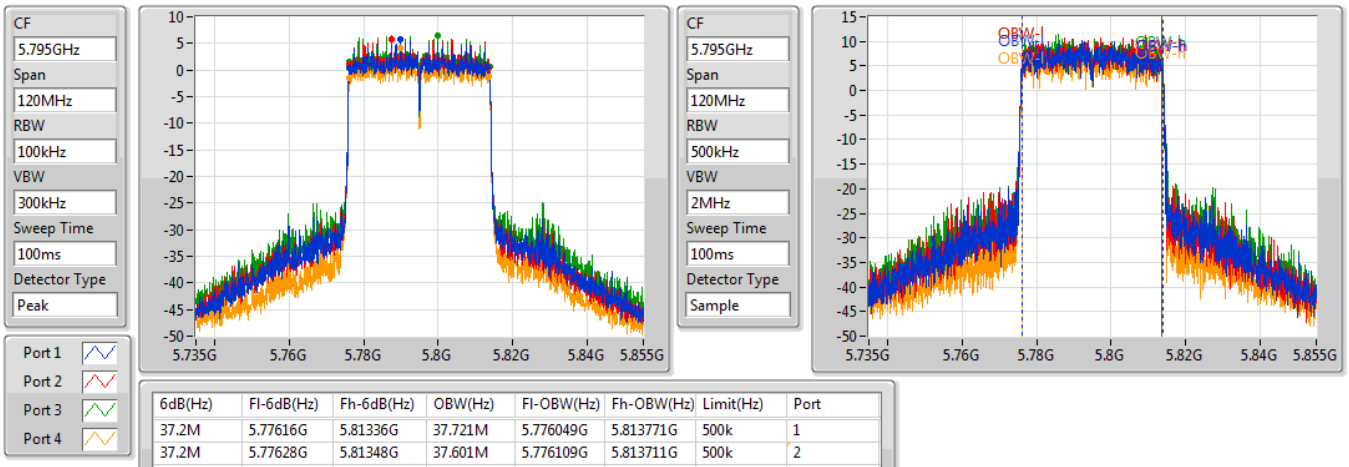


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.2M	5.73616G	5.77336G	37.661M	5.736049G	5.773711G	500k	1
36.48M	5.73694G	5.77342G	37.721M	5.736049G	5.773771G	500k	2
37.74M	5.73616G	5.7739G	37.841M	5.73599G	5.773831G	500k	3
37.38M	5.73634G	5.77372G	37.661M	5.736049G	5.773711G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

10/05/2019



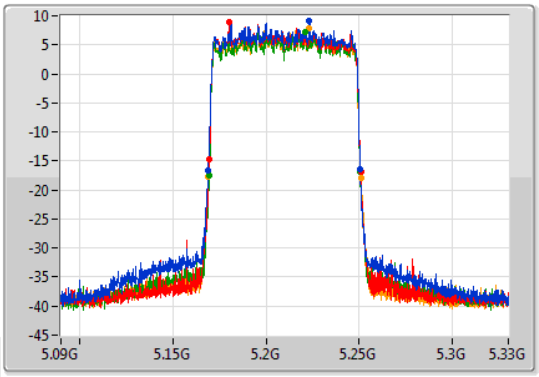
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.2M	5.77616G	5.81336G	37.721M	5.776049G	5.813771G	500k	1
37.2M	5.77628G	5.81348G	37.601M	5.776109G	5.813711G	500k	2
37.56M	5.77616G	5.81372G	37.601M	5.776109G	5.813711G	500k	3
37.5M	5.77616G	5.81366G	37.601M	5.776109G	5.813711G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

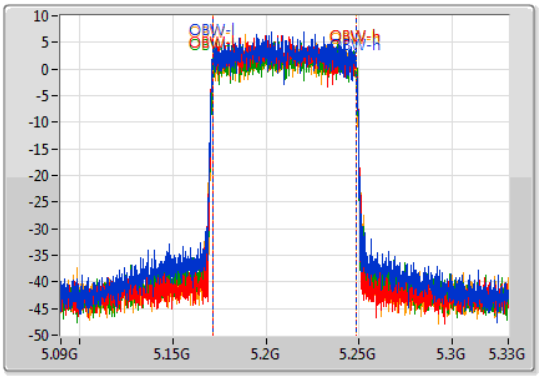
09/05/2019

CF	5.21GHz
Span	240MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3
Port 4

CF	5.21GHz
Span	240MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



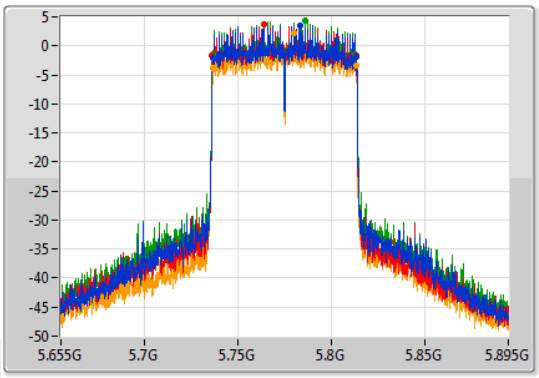
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.16908G	5.25056G	77.121M	5.171259G	5.248381G	Inf	1
81.36M	5.16944G	5.2508G	77.121M	5.171259G	5.248381G	Inf	2
81.12M	5.16956G	5.25068G	77.121M	5.171259G	5.248381G	Inf	3
81.72M	5.1692G	5.25092G	77.001M	5.171379G	5.248381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

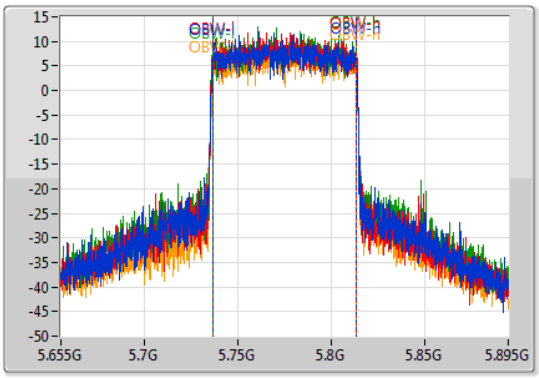
10/05/2019

CF	5.775GHz
Span	240MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3
Port 4

CF	5.775GHz
Span	240MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample

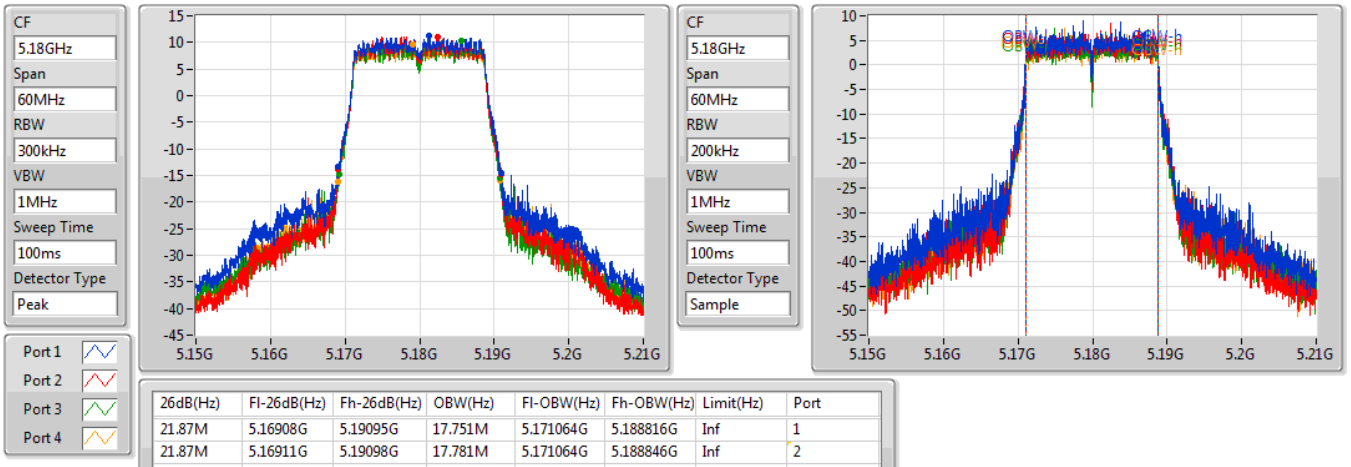


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.8M	5.73636G	5.81316G	77.001M	5.736259G	5.813261G	500k	1
77.04M	5.73612G	5.81316G	77.121M	5.736259G	5.813381G	500k	2
76.68M	5.73624G	5.81292G	77.121M	5.736259G	5.813381G	500k	3
76.8M	5.73648G	5.81328G	77.121M	5.736259G	5.813381G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

10/05/2019

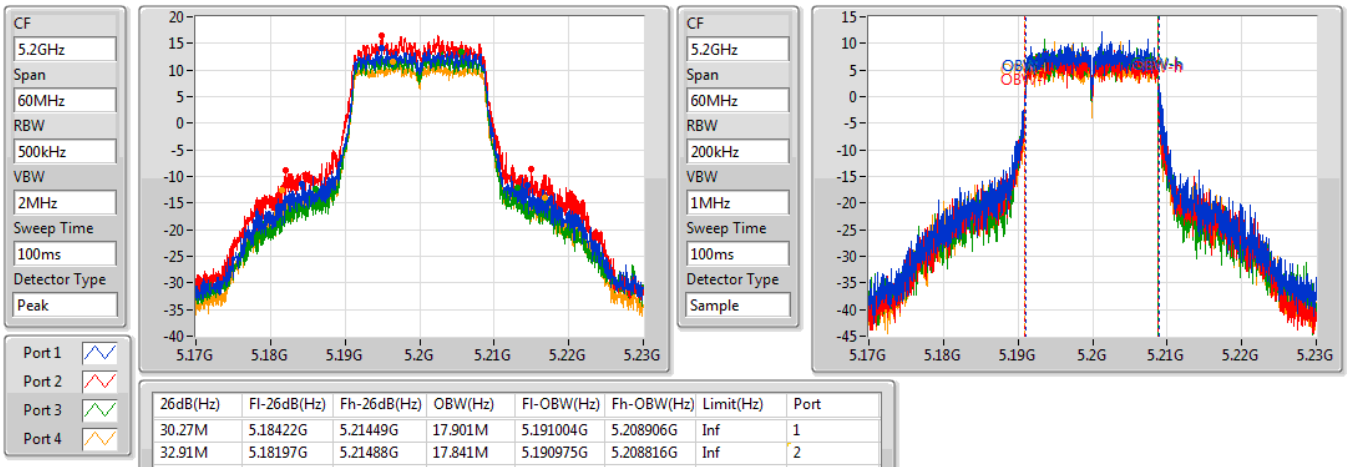


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.16908G	5.19095G	17.751M	5.171064G	5.188816G	Inf	1
21.87M	5.16911G	5.19098G	17.781M	5.171064G	5.188846G	Inf	2
21.54M	5.1692G	5.19074G	17.811M	5.171034G	5.188846G	Inf	3
21.81M	5.16905G	5.19086G	17.751M	5.171094G	5.188846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

10/05/2019



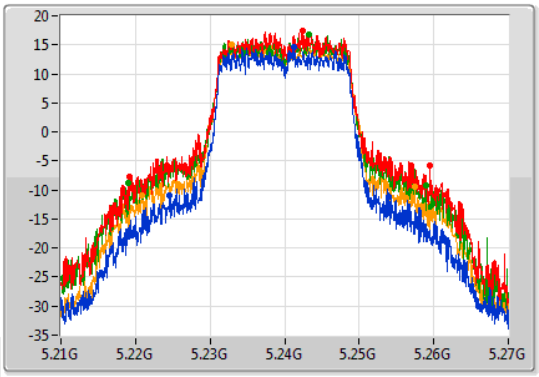
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.27M	5.18422G	5.21449G	17.901M	5.191004G	5.208906G	Inf	1
32.91M	5.18197G	5.21488G	17.841M	5.190975G	5.208816G	Inf	2
26.94M	5.18611G	5.21305G	17.811M	5.191004G	5.208816G	Inf	3
35.25M	5.18155G	5.2168G	17.901M	5.190975G	5.208876G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

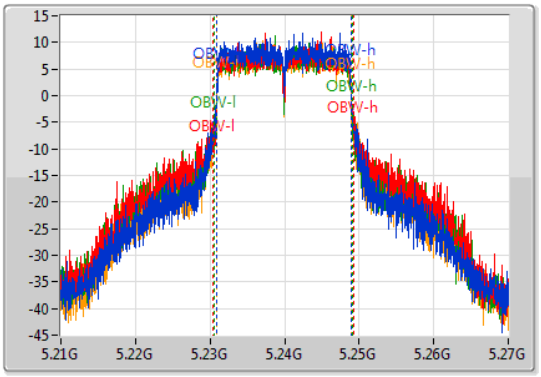
10/05/2019

CF	5.24GHz
Span	60MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3
Port 4

CF	5.24GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



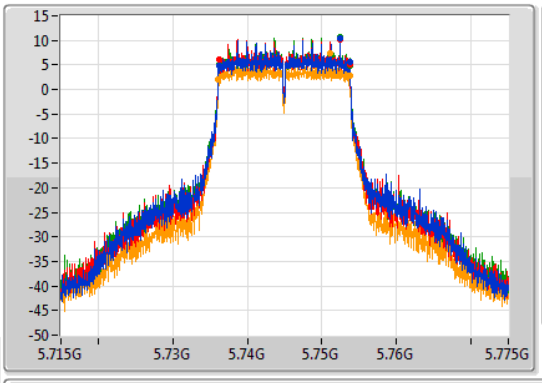
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.4M	5.22455G	5.25395G	17.901M	5.230975G	5.248876G	Inf	1
40.41M	5.21912G	5.25953G	18.861M	5.230375G	5.249235G	Inf	2
39.99M	5.21906G	5.25905G	18.471M	5.230585G	5.249055G	Inf	3
36.6M	5.22089G	5.25749G	17.931M	5.230945G	5.248876G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

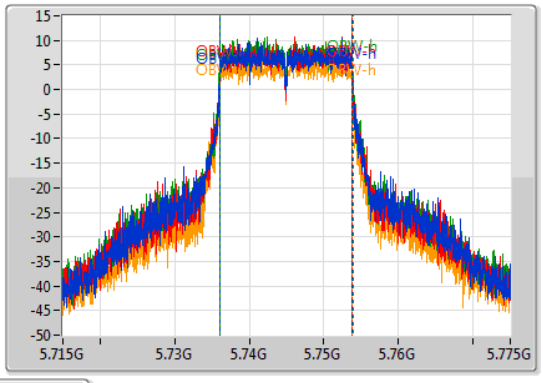
10/05/2019

CF	5.745GHz
Span	60MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3
Port 4

CF	5.745GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample

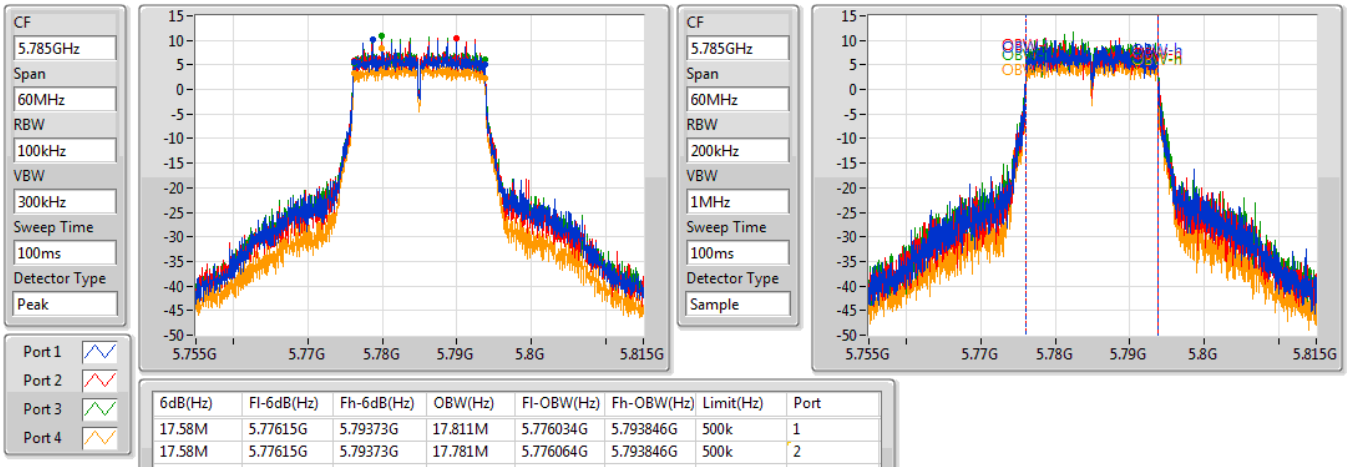


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.73615G	5.7537G	17.811M	5.736034G	5.753846G	500k	1
17.58M	5.73615G	5.75373G	17.811M	5.736034G	5.753846G	500k	2
17.58M	5.73615G	5.75373G	17.871M	5.736004G	5.753876G	500k	3
17.61M	5.73612G	5.75373G	17.781M	5.736034G	5.753816G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

10/05/2019

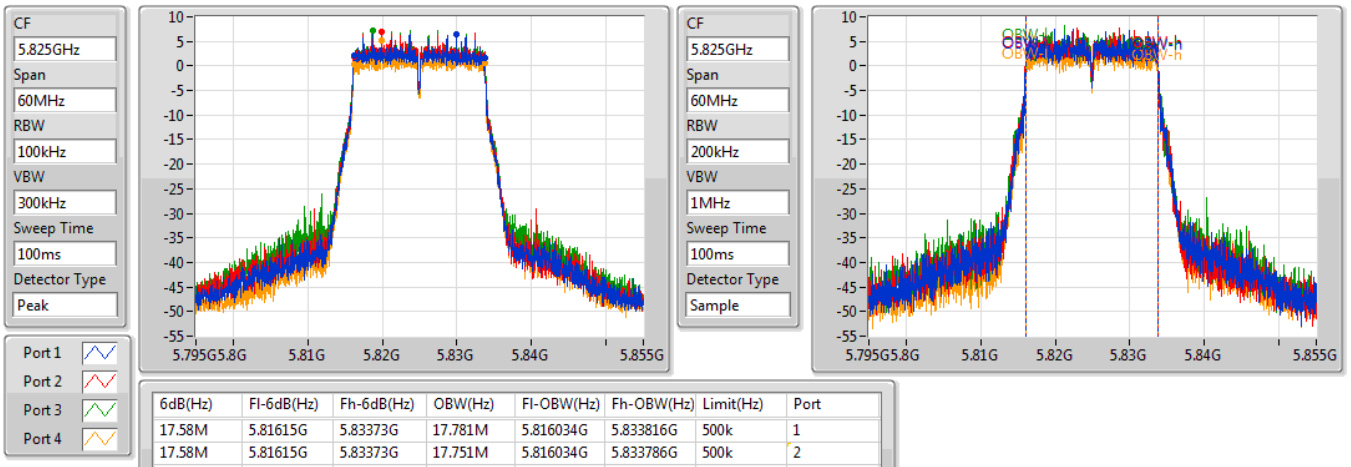


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.77615G	5.79373G	17.811M	5.776034G	5.793846G	500k	1
17.58M	5.77615G	5.79373G	17.781M	5.776064G	5.793846G	500k	2
17.55M	5.77615G	5.7937G	17.811M	5.776034G	5.793846G	500k	3
17.58M	5.77615G	5.79373G	17.781M	5.776034G	5.793816G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

10/05/2019

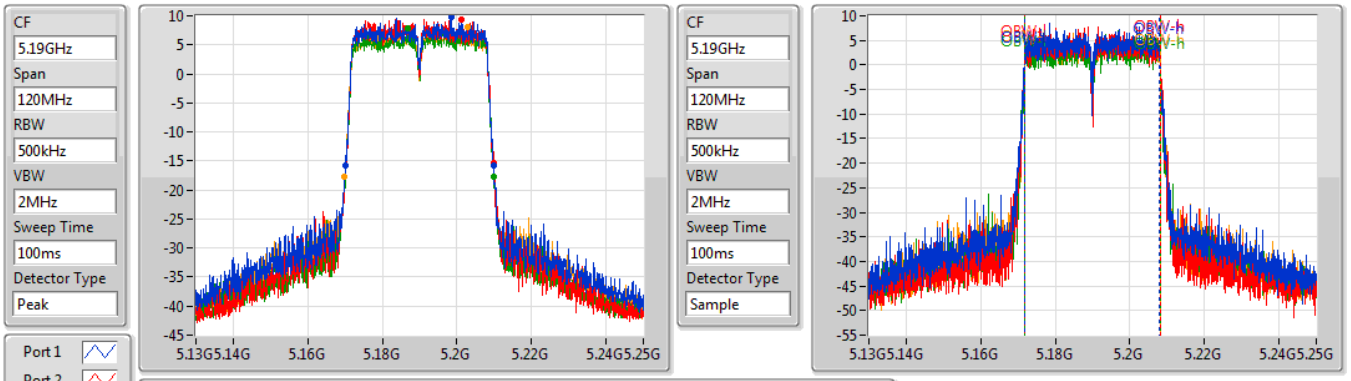


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.81615G	5.83373G	17.781M	5.816034G	5.833816G	500k	1
17.58M	5.81615G	5.83373G	17.751M	5.816034G	5.833786G	500k	2
17.58M	5.81615G	5.83373G	17.781M	5.816034G	5.833816G	500k	3
17.58M	5.81615G	5.83373G	17.781M	5.816034G	5.833816G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

10/05/2019

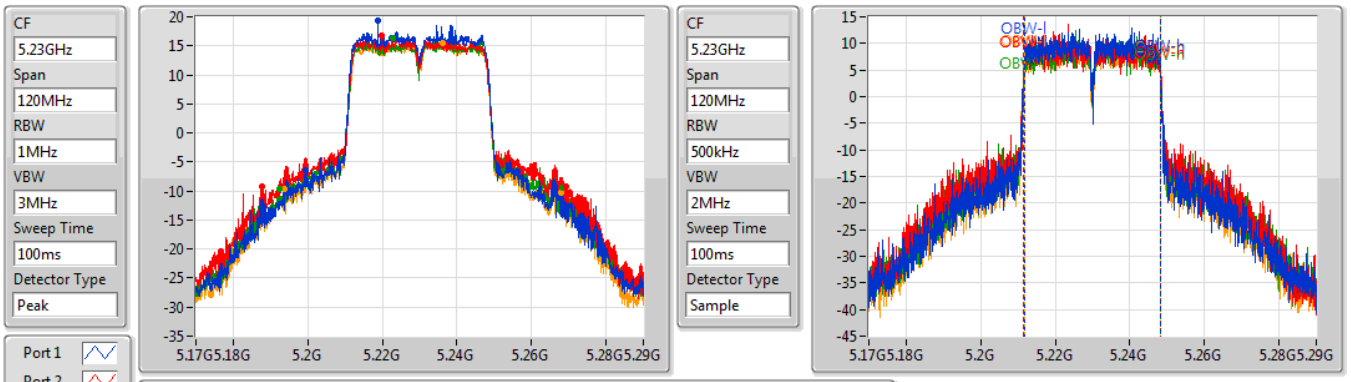


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.66M	5.17014G	5.2098G	36.162M	5.171829G	5.207991G	Inf	1
39.84M	5.17008G	5.20992G	36.282M	5.171829G	5.208111G	Inf	2
39.84M	5.17014G	5.20998G	36.282M	5.171769G	5.208051G	Inf	3
40.32M	5.16972G	5.21004G	36.282M	5.171829G	5.208111G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

10/05/2019

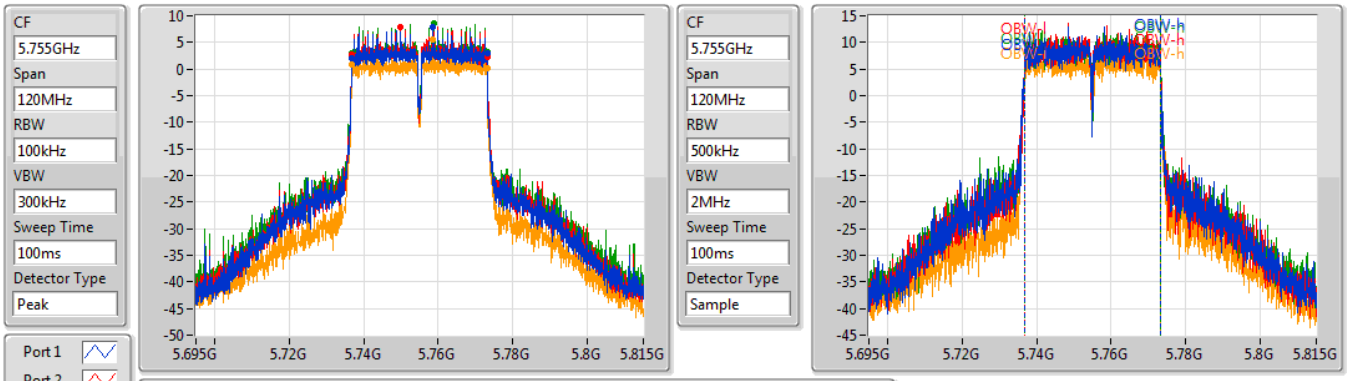


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
56.88M	5.19934G	5.25622G	36.462M	5.211649G	5.248111G	Inf	1
81.6M	5.18764G	5.26924G	36.762M	5.211589G	5.248351G	Inf	2
75.78M	5.19244G	5.26822G	36.582M	5.211589G	5.248171G	Inf	3
74.52M	5.19358G	5.2681G	36.462M	5.211709G	5.248171G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

10/05/2019

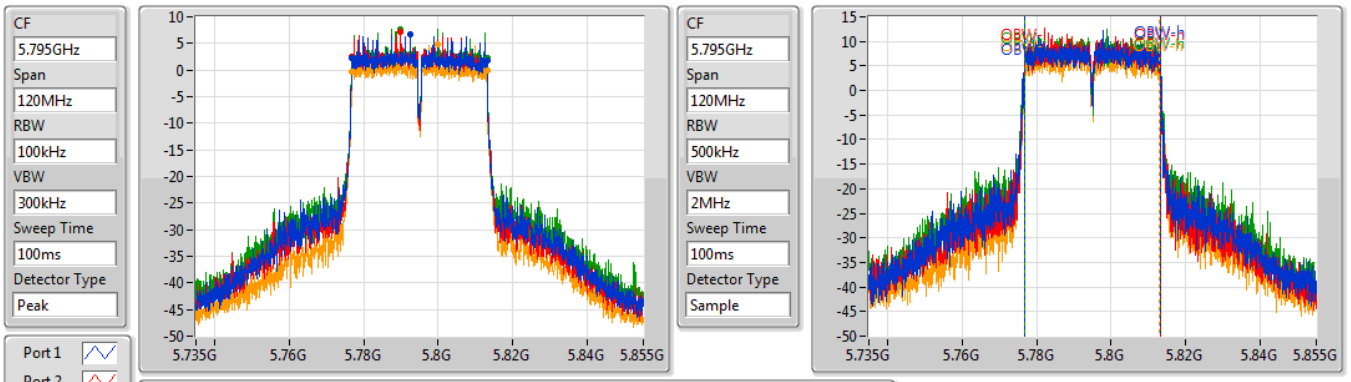


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.36M	5.73676G	5.77312G	36.342M	5.736709G	5.773051G	500k	1
36.3M	5.73682G	5.77312G	36.282M	5.736769G	5.773051G	500k	2
36.3M	5.73676G	5.77306G	36.342M	5.736769G	5.773111G	500k	3
36.36M	5.73676G	5.77312G	36.282M	5.736769G	5.773051G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

10/05/2019

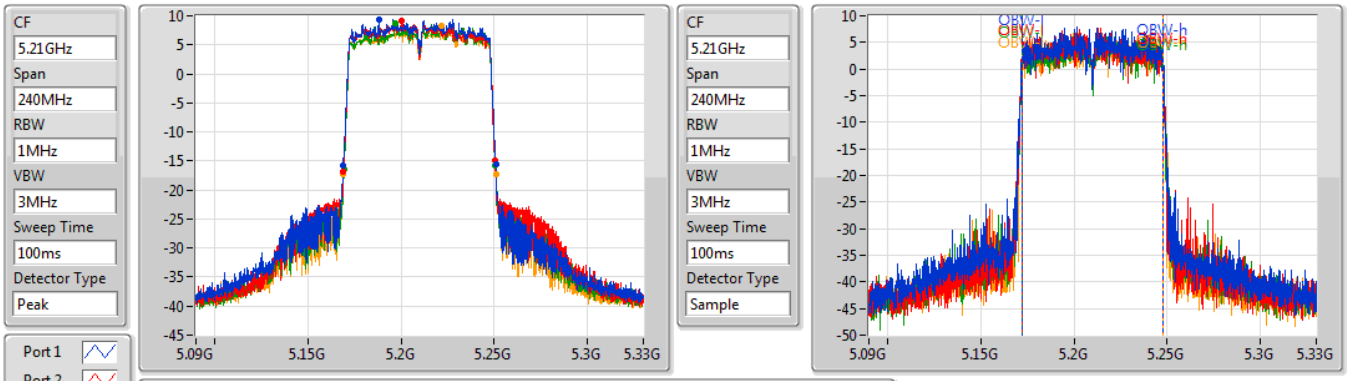


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.77676G	5.81306G	36.402M	5.776709G	5.813111G	500k	1
36.36M	5.77676G	5.81312G	36.342M	5.776769G	5.813111G	500k	2
36.3M	5.77676G	5.81306G	36.342M	5.776709G	5.813051G	500k	3
36.36M	5.77676G	5.81312G	36.162M	5.776829G	5.812991G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

10/05/2019

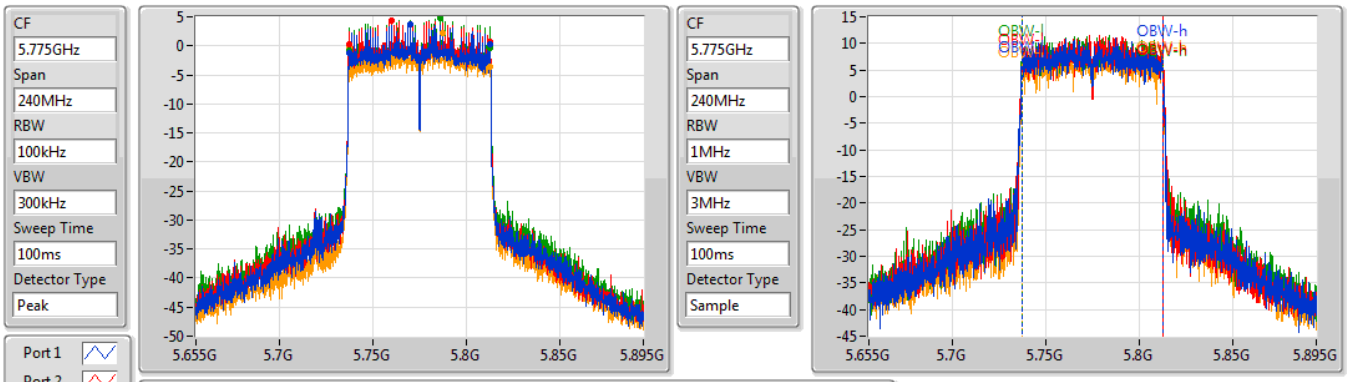


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.16908G	5.2508G	75.682M	5.172099G	5.247781G	Inf	1
81.24M	5.1692G	5.25044G	75.802M	5.171979G	5.247781G	Inf	2
81.24M	5.16944G	5.25068G	75.802M	5.171979G	5.247781G	Inf	3
81.6M	5.1692G	5.2508G	75.442M	5.172219G	5.247661G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

10/05/2019

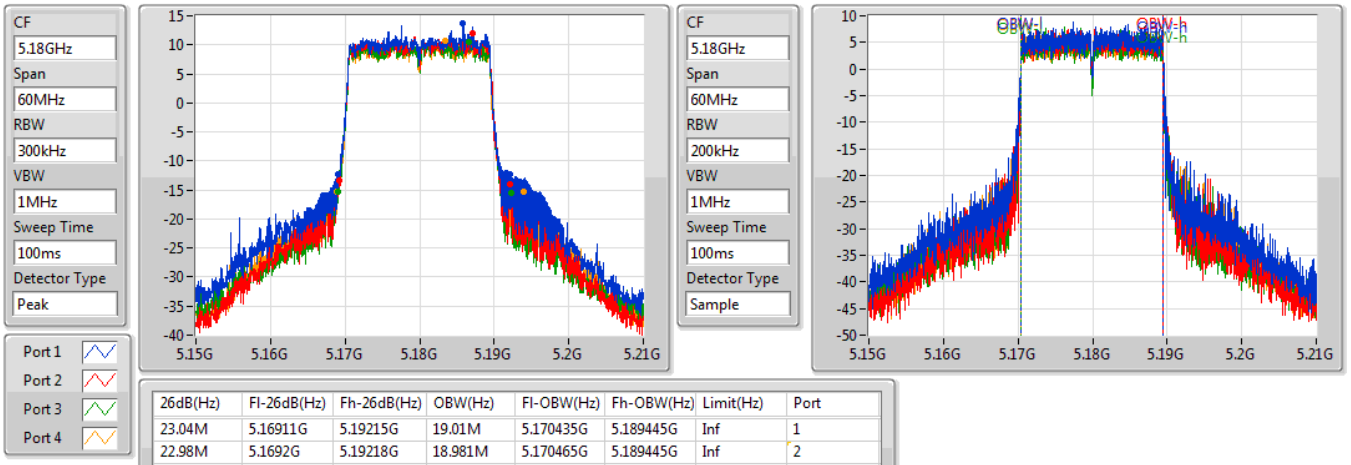


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.12M	5.73732G	5.81244G	75.562M	5.736979G	5.812541G	500k	1
75.24M	5.73732G	5.81256G	75.802M	5.736979G	5.812781G	500k	2
75.24M	5.73732G	5.81256G	75.682M	5.736979G	5.812661G	500k	3
75.12M	5.73744G	5.81256G	75.682M	5.737099G	5.812781G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

09/05/2019

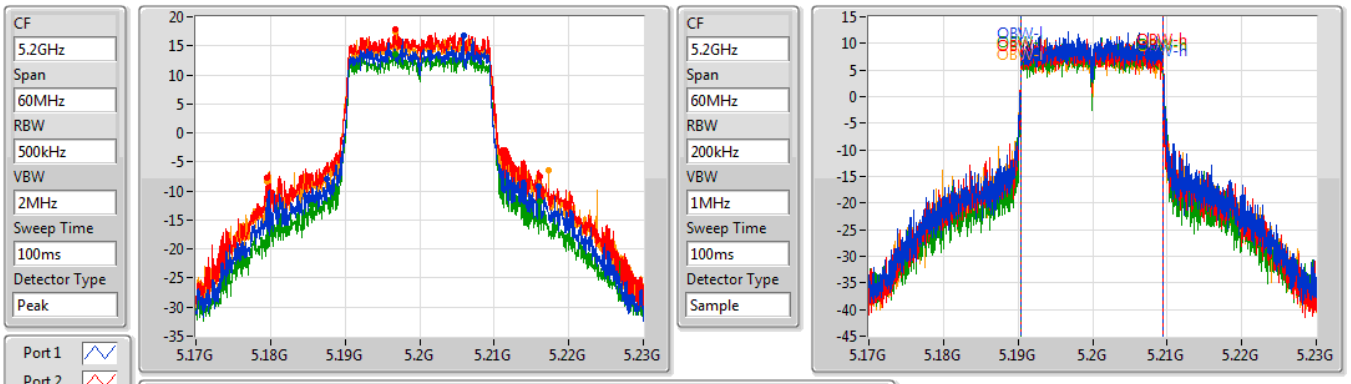


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.04M	5.16911G	5.19215G	19.01M	5.170435G	5.189445G	Inf	1
22.98M	5.1692G	5.19218G	18.981M	5.170465G	5.189445G	Inf	2
23.19M	5.16905G	5.19224G	18.951M	5.170465G	5.189415G	Inf	3
25.08M	5.16881G	5.19389G	18.981M	5.170435G	5.189415G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

09/05/2019

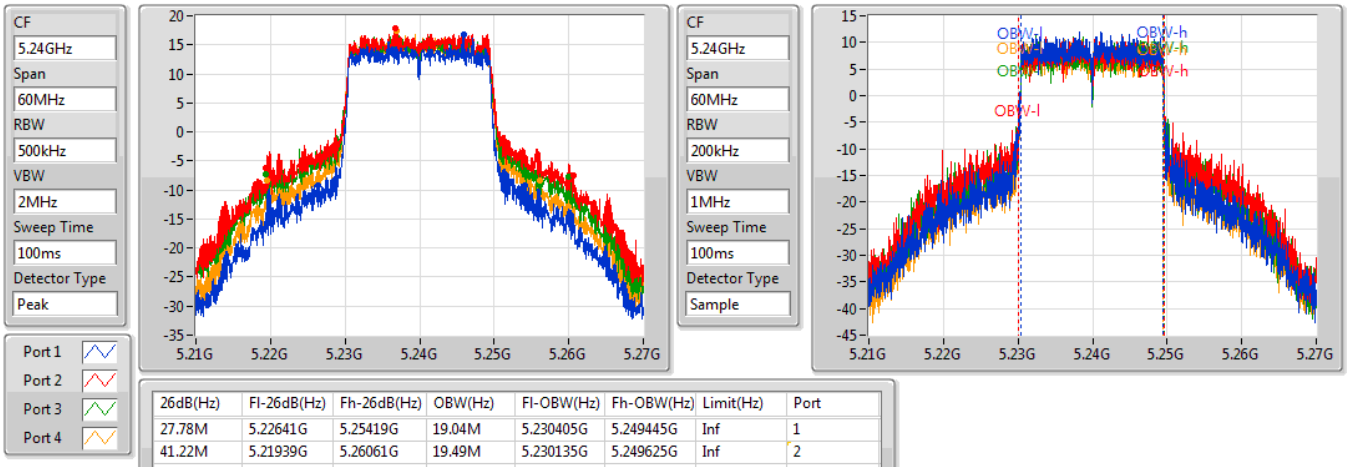


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.35M	5.18761G	5.21596G	19.04M	5.190435G	5.209475G	Inf	1
36.63M	5.17957G	5.2162G	19.07M	5.190405G	5.209475G	Inf	2
30.51M	5.18554G	5.21605G	19.01M	5.190435G	5.209445G	Inf	3
37.83M	5.17951G	5.21734G	19.07M	5.190405G	5.209475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

09/05/2019

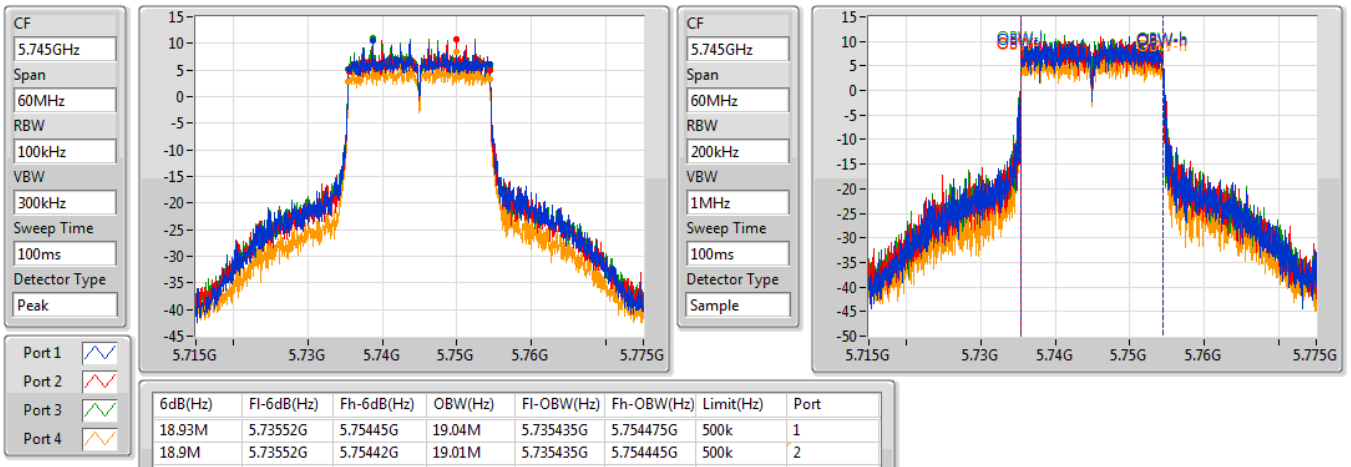


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.78M	5.22641G	5.25419G	19.04M	5.230405G	5.249445G	Inf	1
41.22M	5.21939G	5.26061G	19.49M	5.230135G	5.249625G	Inf	2
40.65M	5.21939G	5.26004G	19.22M	5.230315G	5.249535G	Inf	3
36.69M	5.21951G	5.2562G	19.04M	5.230405G	5.249445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

10/05/2019

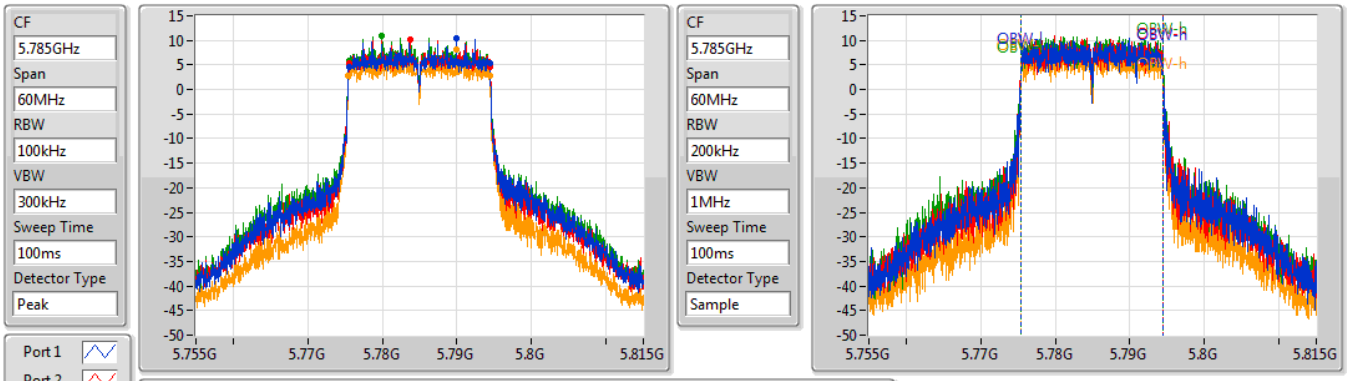


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.73552G	5.75445G	19.04M	5.735435G	5.754475G	500k	1
18.9M	5.73552G	5.75442G	19.01M	5.735435G	5.754445G	500k	2
18.99M	5.73543G	5.75442G	18.981M	5.735435G	5.754415G	500k	3
19.02M	5.73543G	5.75445G	19.04M	5.735405G	5.754445G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

10/05/2019

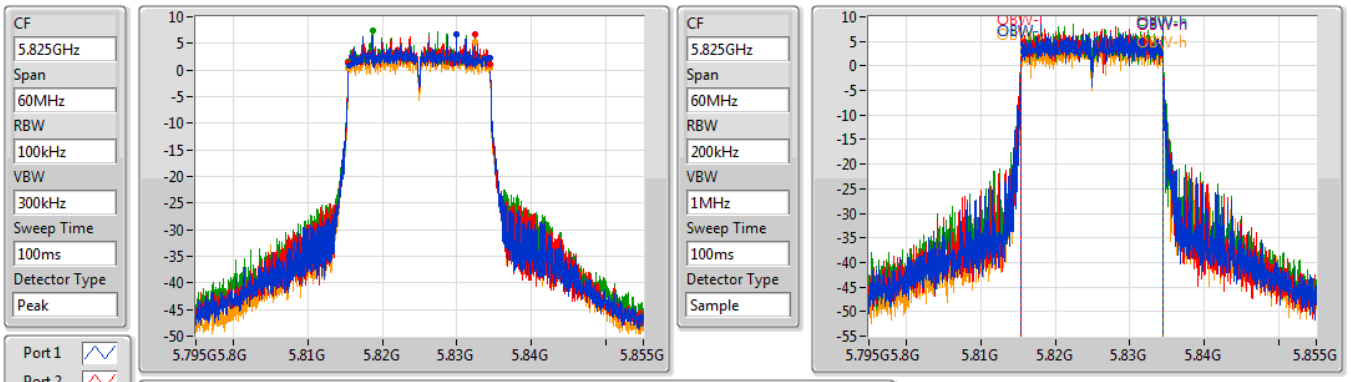


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.77549G	5.79445G	18.981M	5.775435G	5.794415G	500k	1
18.99M	5.77549G	5.79448G	18.981M	5.775435G	5.794415G	500k	2
18.96M	5.77549G	5.79445G	18.981M	5.775435G	5.794415G	500k	3
19.05M	5.7754G	5.79445G	18.981M	5.775435G	5.794415G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

10/05/2019

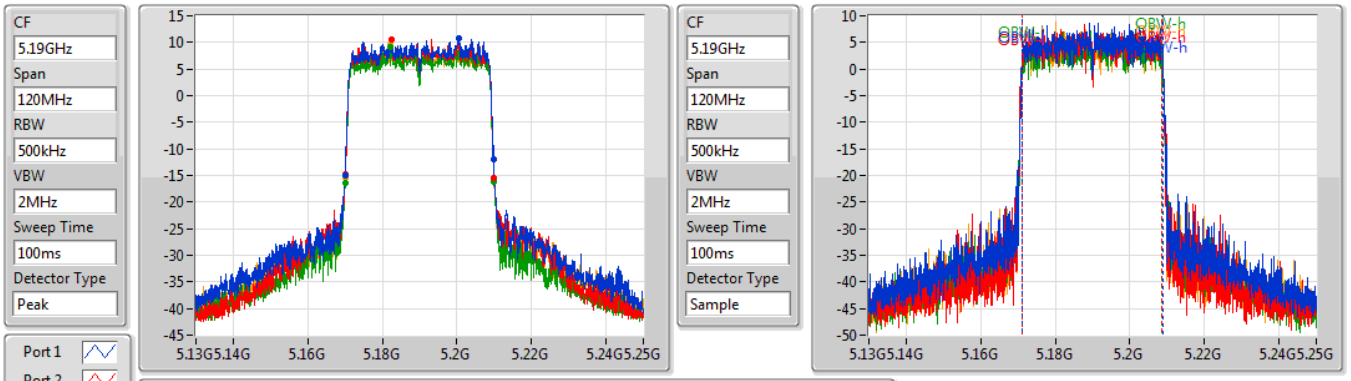


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.81549G	5.83442G	18.981M	5.814535G	5.834415G	500k	1
19.05M	5.81543G	5.83448G	18.981M	5.814535G	5.834415G	500k	2
18.96M	5.81543G	5.83439G	18.981M	5.814535G	5.834415G	500k	3
19.02M	5.81543G	5.83445G	18.981M	5.814535G	5.834415G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

10/05/2019

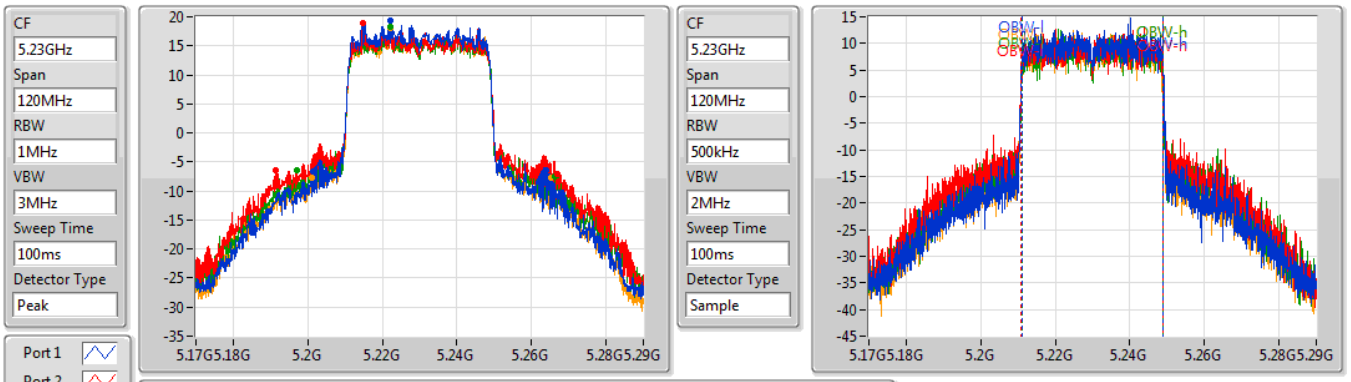


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.16996G	5.20992G	37.601M	5.171169G	5.208771G	Inf	1
40.08M	5.16996G	5.21004G	37.541M	5.171169G	5.208711G	Inf	2
40.08M	5.16996G	5.21004G	37.541M	5.171169G	5.208711G	Inf	3
39.96M	5.17002G	5.20998G	37.541M	5.171169G	5.208711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

10/05/2019

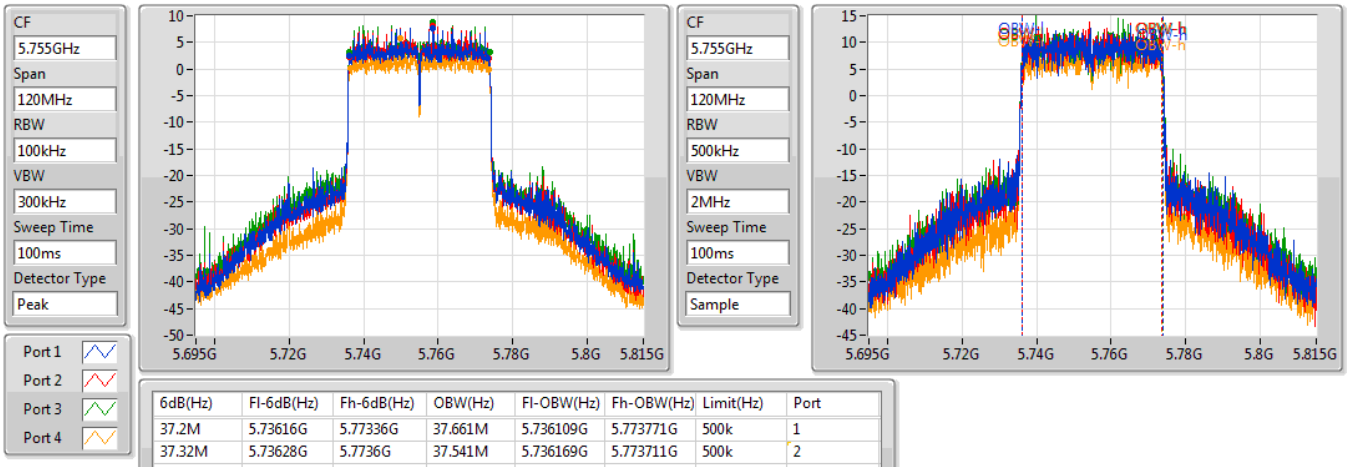


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
62.64M	5.20138G	5.26402G	37.721M	5.211049G	5.248771G	Inf	1
75.48M	5.19136G	5.26684G	37.961M	5.21093G	5.248891G	Inf	2
69.24M	5.19706G	5.2663G	37.841M	5.21099G	5.248831G	Inf	3
64.26M	5.20102G	5.26528G	37.781M	5.21099G	5.248771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

10/05/2019

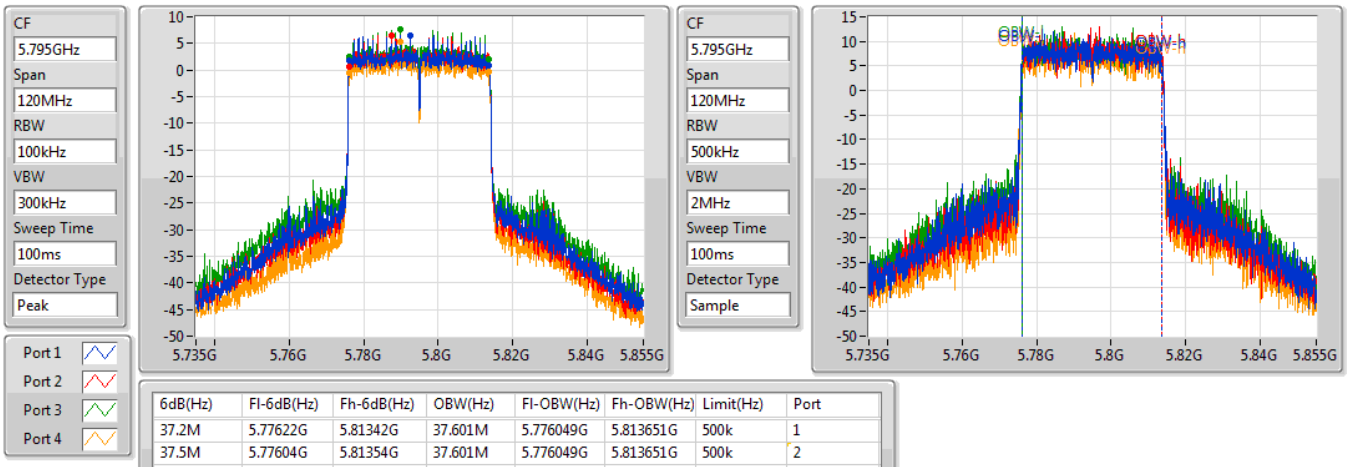


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.2M	5.73616G	5.77336G	37.661M	5.736109G	5.773771G	500k	1
37.32M	5.73628G	5.7736G	37.541M	5.736169G	5.773711G	500k	2
37.5M	5.73622G	5.77372G	37.721M	5.736049G	5.773771G	500k	3
37.32M	5.73634G	5.77366G	37.601M	5.736109G	5.773711G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

10/05/2019

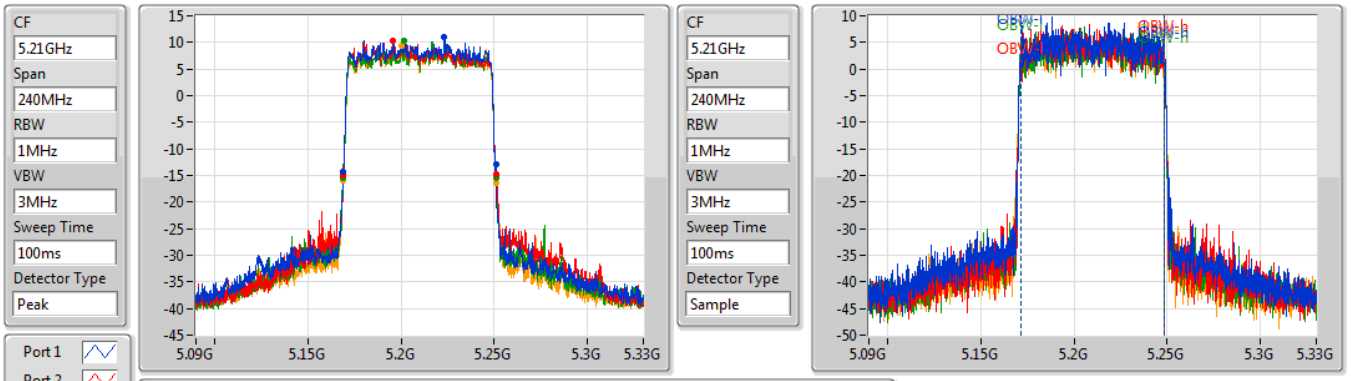


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.2M	5.77622G	5.81342G	37.601M	5.776049G	5.813651G	500k	1
37.5M	5.77604G	5.81354G	37.601M	5.776049G	5.813651G	500k	2
37.26M	5.77616G	5.81342G	37.541M	5.776109G	5.813651G	500k	3
37.26M	5.77616G	5.81342G	37.601M	5.776049G	5.813651G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

10/05/2019

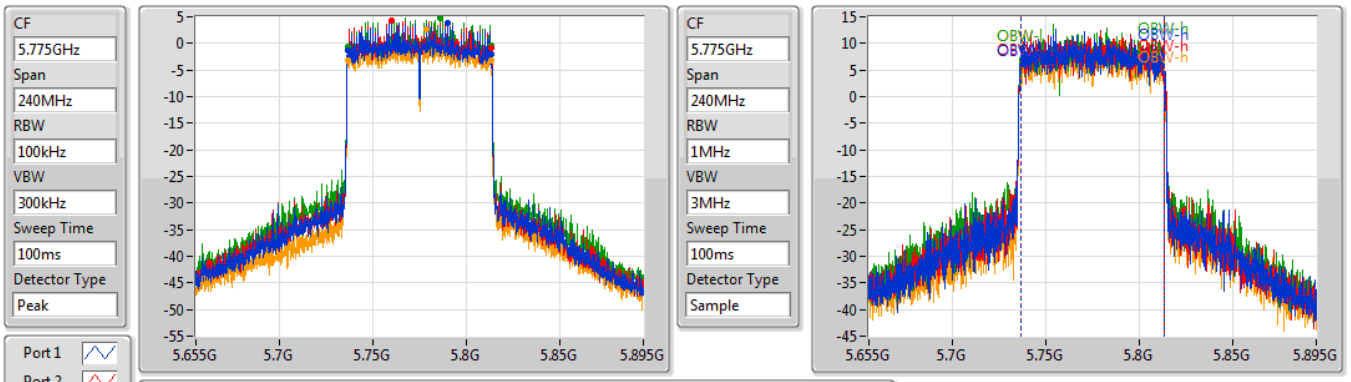


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.1692G	5.2508G	76.762M	5.171499G	5.248261G	Inf	1
82.08M	5.16908G	5.25116G	77.001M	5.171379G	5.248381G	Inf	2
81.84M	5.16896G	5.2508G	77.121M	5.171259G	5.248381G	Inf	3
82.08M	5.16908G	5.25116G	77.001M	5.171379G	5.248381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

10/05/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.92M	5.73624G	5.81316G	77.241M	5.736259G	5.813501G	500k	1
76.92M	5.73624G	5.81316G	77.121M	5.736259G	5.813381G	500k	2
76.68M	5.73648G	5.81316G	77.241M	5.736259G	5.813501G	500k	3
76.92M	5.73624G	5.81316G	77.121M	5.736259G	5.813381G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.38	0.68865
802.11ac VHT20_Nss1,(MCS0)_4TX	28.57	0.71945
802.11ac VHT40_Nss1,(MCS0)_4TX	26.98	0.49888
802.11ac VHT80_Nss1,(MCS0)_4TX	21.06	0.12764
802.11ax HEW20_Nss1,(MCS0)_4TX	28.79	0.75683
802.11ax HEW40_Nss1,(MCS0)_4TX	27.21	0.52602
802.11ax HEW80_Nss1,(MCS0)_4TX	21.31	0.13521
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.17	0.65615
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.12	0.64863
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.95	0.19724
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.28	0.67298
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.25	0.66834
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.23	0.21038
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.05	0.80353
802.11ac VHT20_Nss1,(MCS0)_4TX	28.35	0.68391
802.11ac VHT40_Nss1,(MCS0)_4TX	28.55	0.71614
802.11ac VHT80_Nss1,(MCS0)_4TX	26.40	0.43652
802.11ax HEW20_Nss1,(MCS0)_4TX	28.73	0.74645
802.11ax HEW40_Nss1,(MCS0)_4TX	28.73	0.74645
802.11ax HEW80_Nss1,(MCS0)_4TX	26.39	0.43551
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.62	0.57810
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.92	0.61944
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	26.82	0.48084
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.90	0.61660
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.19	0.65917
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.13	0.51642

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.36	21.04	19.60	20.41	20.76	26.51	30.00
5200MHz	Pass	2.36	22.92	22.12	21.71	21.58	28.14	30.00
5240MHz	Pass	2.36	23.01	21.44	22.43	22.40	28.38	30.00
5745MHz	Pass	2.35	23.18	23.31	23.97	21.19	29.05	30.00
5785MHz	Pass	2.35	21.71	21.85	22.49	19.95	27.62	30.00
5825MHz	Pass	2.35	18.10	18.70	18.94	17.01	24.27	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.36	18.84	18.63	17.12	17.82	24.18	30.00
5200MHz	Pass	2.36	23.02	22.35	21.41	22.11	28.28	30.00
5240MHz	Pass	2.36	23.44	22.59	21.95	22.06	28.57	30.00
5745MHz	Pass	2.35	22.52	22.60	23.25	20.49	28.35	30.00
5785MHz	Pass	2.35	20.97	21.45	21.72	19.42	27.00	30.00
5825MHz	Pass	2.35	19.25	19.96	19.99	20.70	26.03	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.36	17.13	16.82	15.49	16.11	22.45	30.00
5230MHz	Pass	2.36	21.61	20.90	20.53	20.72	26.98	30.00
5755MHz	Pass	2.35	22.84	22.90	23.11	20.97	28.55	30.00
5795MHz	Pass	2.35	19.99	20.44	20.88	18.54	26.07	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.36	15.71	15.26	14.36	14.72	21.06	30.00
5775MHz	Pass	2.35	20.26	20.63	21.29	19.03	26.40	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.36	19.14	19.12	17.69	18.37	24.64	30.00
5200MHz	Pass	2.36	23.31	22.69	21.74	22.40	28.59	30.00
5240MHz	Pass	2.36	23.64	22.81	22.17	22.32	28.79	30.00
5745MHz	Pass	2.35	22.95	22.89	23.58	21.00	28.73	30.00
5785MHz	Pass	2.35	21.37	21.66	22.23	19.86	27.38	30.00
5825MHz	Pass	2.35	19.36	20.07	20.18	20.91	26.19	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.36	17.52	17.04	15.80	16.30	22.74	30.00
5230MHz	Pass	2.36	21.85	21.12	20.75	20.96	27.21	30.00
5755MHz	Pass	2.35	22.93	22.98	23.54	21.00	28.73	30.00
5795MHz	Pass	2.35	20.42	20.48	21.16	18.75	26.31	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.36	15.93	15.61	14.59	14.91	21.31	30.00
5775MHz	Pass	2.35	20.37	20.05	21.45	19.35	26.39	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.61	19.56	19.09	18.42	18.42	24.92	28.39
5200MHz	Pass	7.61	22.64	21.92	21.42	21.59	27.94	28.39
5240MHz	Pass	7.61	22.86	22.10	21.90	21.66	28.17	28.39
5745MHz	Pass	7.78	21.89	21.79	22.39	19.94	27.62	28.22
5785MHz	Pass	7.78	21.73	21.70	22.33	19.92	27.53	28.22
5825MHz	Pass	7.78	18.39	18.64	19.13	17.32	24.44	28.22

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.61	17.71	17.41	16.28	16.94	23.14	28.39
5230MHz	Pass	7.61	22.82	21.98	21.75	21.74	28.12	28.39
5755MHz	Pass	7.78	22.05	22.25	22.84	19.96	27.92	28.22
5795MHz	Pass	7.78	20.79	21.08	21.96	19.51	26.94	28.22
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.61	17.52	17.09	16.53	16.49	22.95	28.39
5775MHz	Pass	7.78	20.67	21.11	21.60	19.58	26.82	28.22
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.61	19.81	19.52	18.97	18.94	25.35	28.39
5200MHz	Pass	7.61	22.81	22.38	21.68	21.85	28.22	28.39
5240MHz	Pass	7.61	23.01	22.19	22.00	21.73	28.28	28.39
5745MHz	Pass	7.78	21.99	22.26	22.77	20.03	27.90	28.22
5785MHz	Pass	7.78	21.84	21.82	22.32	20.11	27.62	28.22
5825MHz	Pass	7.78	18.84	19.21	19.35	17.52	24.81	28.22
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.61	18.00	17.73	16.51	16.98	23.37	28.39
5230MHz	Pass	7.61	22.84	22.20	21.99	21.80	28.25	28.39
5755MHz	Pass	7.78	22.30	22.55	23.09	20.24	28.19	28.22
5795MHz	Pass	7.78	21.21	21.36	22.11	19.65	27.19	28.22
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.61	17.75	17.42	16.83	16.78	23.23	28.39
5775MHz	Pass	7.78	20.91	21.46	21.97	19.83	27.13	28.22

DG = Directional Gain; **Port X** = Port X output power

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.24
802.11ac VHT20_Nss1,(MCS0)_4TX	15.30
802.11ac VHT40_Nss1,(MCS0)_4TX	10.90
802.11ac VHT80_Nss1,(MCS0)_4TX	2.28
802.11ax HEW20_Nss1,(MCS0)_4TX	15.31
802.11ax HEW40_Nss1,(MCS0)_4TX	10.91
802.11ax HEW80_Nss1,(MCS0)_4TX	2.36
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.80
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.90
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.12
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.86
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.13
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.12
802.11ac VHT20_Nss1,(MCS0)_4TX	13.41
802.11ac VHT40_Nss1,(MCS0)_4TX	11.01
802.11ac VHT80_Nss1,(MCS0)_4TX	6.08
802.11ax HEW20_Nss1,(MCS0)_4TX	13.50
802.11ax HEW40_Nss1,(MCS0)_4TX	10.85
802.11ax HEW80_Nss1,(MCS0)_4TX	6.28
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	12.67
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	10.18
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	6.44
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.80
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.24
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.56

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

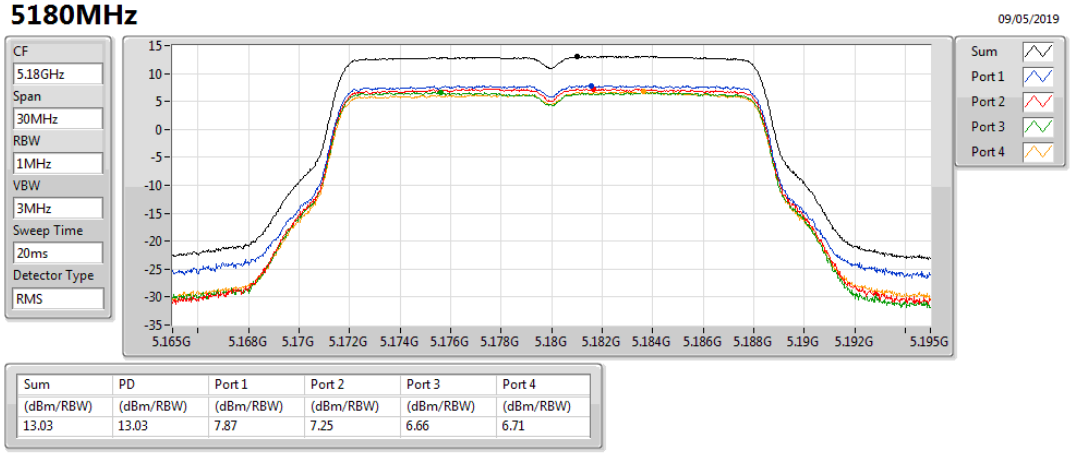
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.61	7.87	7.25	6.66	6.71	13.03	15.39
5200MHz	Pass	7.61	10.00	9.37	8.35	9.22	15.19	15.39
5240MHz	Pass	7.61	9.89	8.46	9.39	9.56	15.24	15.39
5745MHz	Pass	7.78	8.37	8.64	9.22	6.12	14.12	28.22
5785MHz	Pass	7.78	7.21	7.24	8.14	5.62	13.07	28.22
5825MHz	Pass	7.78	3.61	4.05	4.28	2.43	9.53	28.22
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.61	5.72	5.62	4.23	4.80	11.02	15.39
5200MHz	Pass	7.61	9.96	9.33	8.97	8.80	15.18	15.39
5240MHz	Pass	7.61	10.30	9.48	8.97	8.92	15.30	15.39
5745MHz	Pass	7.78	7.56	7.83	8.46	5.63	13.41	28.22
5785MHz	Pass	7.78	6.36	6.58	7.02	4.87	12.16	28.22
5825MHz	Pass	7.78	3.64	4.46	4.44	5.16	10.32	28.22
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.61	1.34	1.03	-0.18	0.18	6.54	15.39
5230MHz	Pass	7.61	5.56	5.08	4.62	4.81	10.90	15.39
5755MHz	Pass	7.78	5.25	5.40	5.88	3.23	11.01	28.22
5795MHz	Pass	7.78	2.64	2.89	3.48	0.88	8.53	28.22
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.61	-2.96	-3.37	-4.18	-3.97	2.28	15.39
5775MHz	Pass	7.78	0.20	0.46	1.07	-1.23	6.08	28.22
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.61	5.74	5.66	4.45	5.14	11.18	15.39
5200MHz	Pass	7.61	10.07	9.53	8.59	9.17	15.24	15.39
5240MHz	Pass	7.61	10.27	9.40	8.94	8.98	15.31	15.39
5745MHz	Pass	7.78	7.79	7.92	8.48	5.75	13.50	28.22
5785MHz	Pass	7.78	6.56	6.65	7.20	4.88	12.33	28.22
5825MHz	Pass	7.78	3.62	4.30	4.28	5.13	10.30	28.22
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.61	1.29	1.06	-0.22	0.27	6.60	15.39
5230MHz	Pass	7.61	5.62	4.99	4.57	4.85	10.91	15.39
5755MHz	Pass	7.78	5.17	5.28	5.77	3.00	10.85	28.22
5795MHz	Pass	7.78	2.45	2.79	3.35	1.00	8.38	28.22
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.61	-3.02	-2.90	-4.08	-3.91	2.36	15.39
5775MHz	Pass	7.78	0.18	0.85	1.18	-1.02	6.28	28.22
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.61	6.35	5.94	5.30	5.41	11.69	15.39
5200MHz	Pass	7.61	9.38	8.82	8.32	8.36	14.63	15.39
5240MHz	Pass	7.61	9.59	8.82	8.78	8.40	14.80	15.39
5745MHz	Pass	7.78	6.90	7.16	7.57	4.96	12.67	28.22
5785MHz	Pass	7.78	6.73	6.91	7.65	5.15	12.54	28.22
5825MHz	Pass	7.78	3.28	3.70	4.08	2.11	9.25	28.22

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.61	1.73	1.41	0.53	0.89	7.10	15.39
5230MHz	Pass	7.61	6.69	6.00	5.68	5.72	11.90	15.39
5755MHz	Pass	7.78	4.40	4.63	5.15	2.25	10.18	28.22
5795MHz	Pass	7.78	3.55	3.61	4.43	1.94	9.42	28.22
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.61	-1.27	-1.45	-1.99	-2.28	4.12	15.39
5775MHz	Pass	7.78	0.56	0.71	1.41	-0.74	6.44	28.22
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.61	6.57	6.19	5.69	5.63	11.94	15.39
5200MHz	Pass	7.61	9.42	8.92	8.47	8.57	14.74	15.39
5240MHz	Pass	7.61	9.62	8.88	8.71	8.37	14.79	15.39
5745MHz	Pass	7.78	7.03	7.18	7.86	5.12	12.80	28.22
5785MHz	Pass	7.78	6.98	6.98	7.85	5.34	12.79	28.22
5825MHz	Pass	7.78	3.70	4.05	4.53	2.55	9.69	28.22
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.61	1.78	1.58	0.46	1.04	7.14	15.39
5230MHz	Pass	7.61	6.65	5.89	5.73	5.55	11.86	15.39
5755MHz	Pass	7.78	4.43	4.61	5.18	2.54	10.24	28.22
5795MHz	Pass	7.78	3.47	3.77	4.36	1.97	9.40	28.22
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.61	-1.18	-1.46	-2.05	-2.19	4.13	15.39
5775MHz	Pass	7.78	0.70	1.00	1.53	-0.61	6.56	28.22

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX PSD

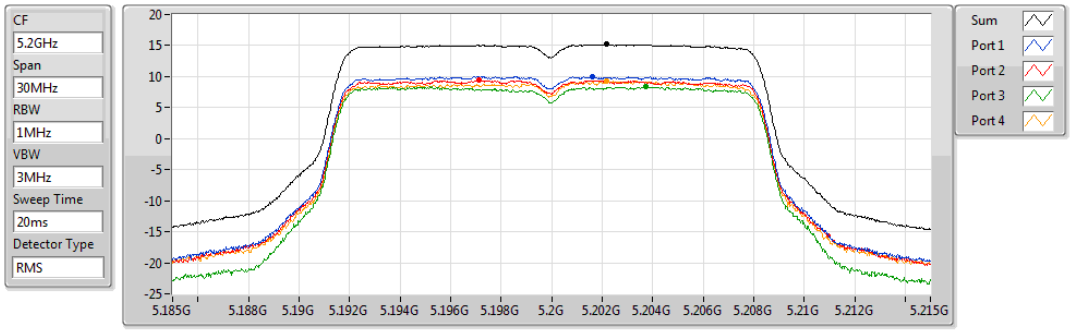
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.03	13.03	7.87	7.25	6.66	6.71

802.11a_Nss1,(6Mbps)_4TX PSD

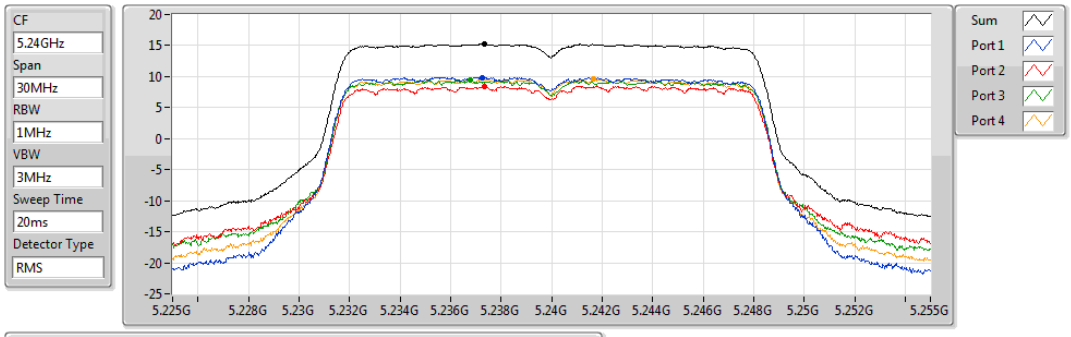
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.19	15.19	10.00	9.37	8.35	9.22

802.11a_Nss1,(6Mbps)_4TX PSD

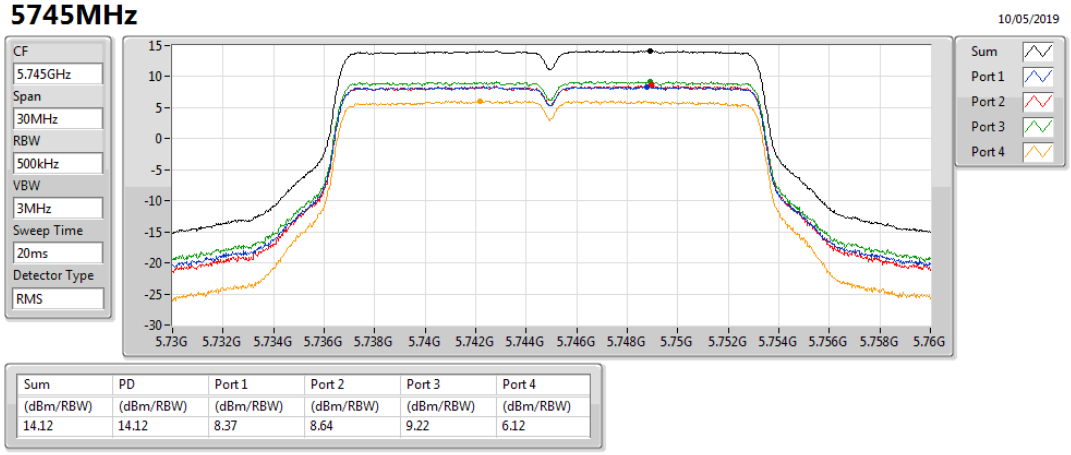
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.24	15.24	9.89	8.46	9.39	9.56

802.11a_Nss1,(6Mbps)_4TX PSD

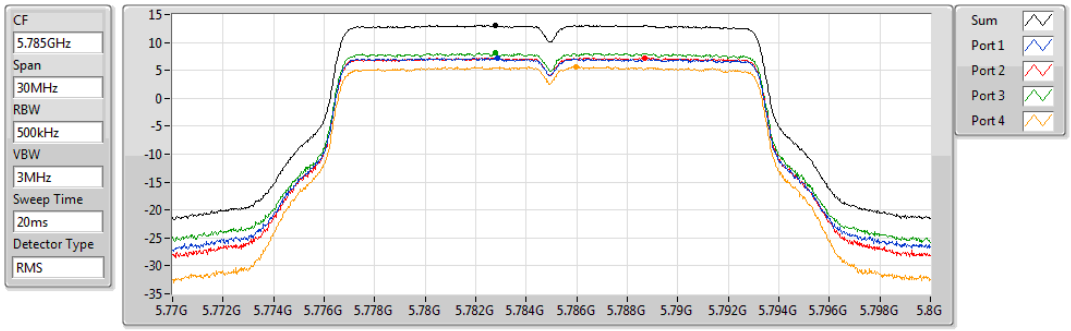
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.12	14.12	8.37	8.64	9.22	6.12

802.11a_Nss1,(6Mbps)_4TX PSD

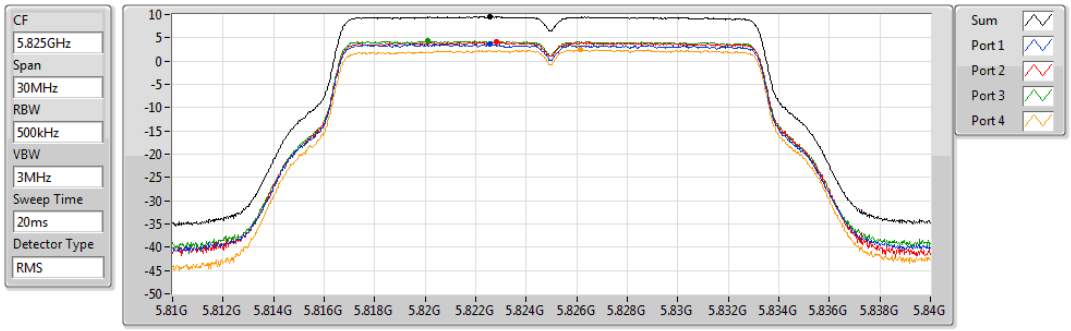
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.07	13.07	7.21	7.24	8.14	5.62

802.11a_Nss1,(6Mbps)_4TX PSD

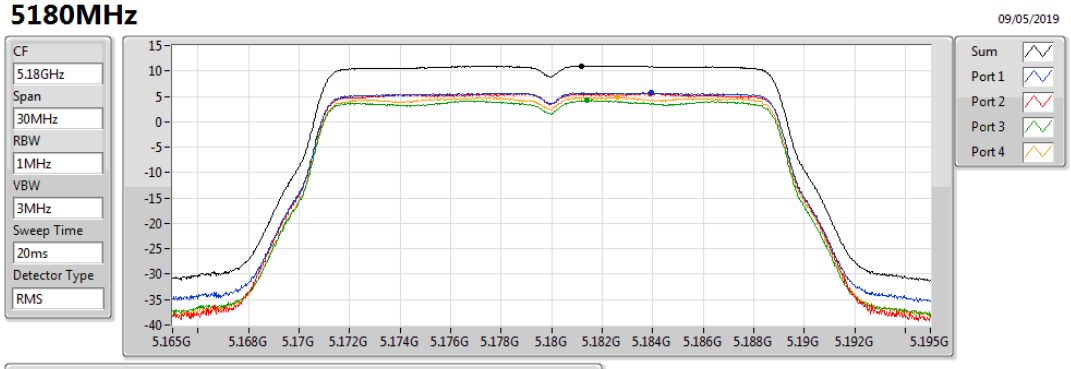
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.53	9.53	3.61	4.05	4.28	2.43

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

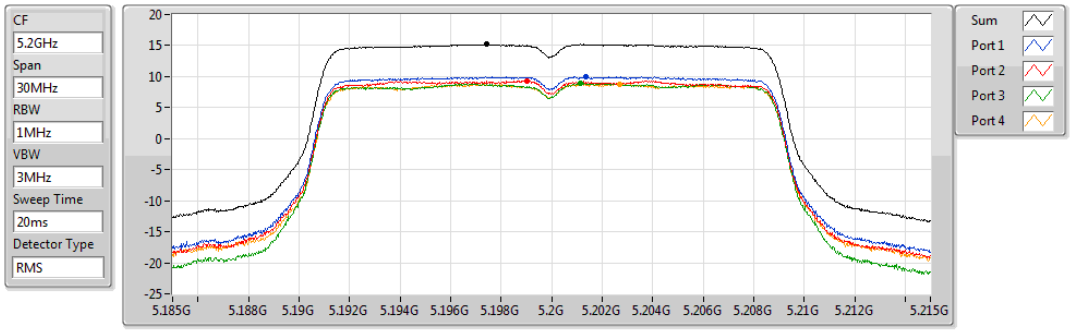
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	5.72	5.62	4.23	4.80

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

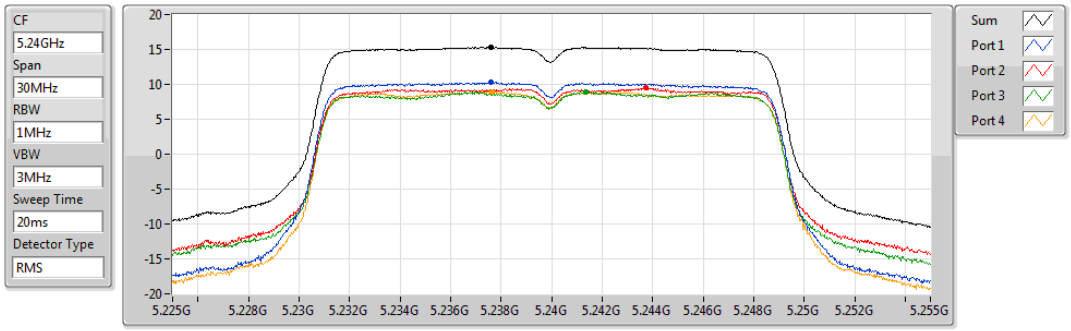
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.18	15.18	9.96	9.33	8.97	8.80

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

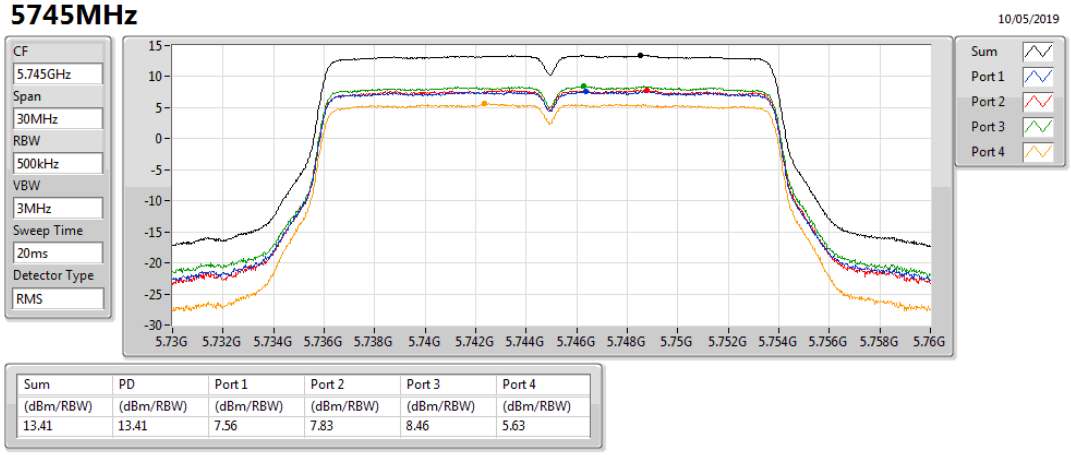
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.30	15.30	10.30	9.48	8.97	8.92

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

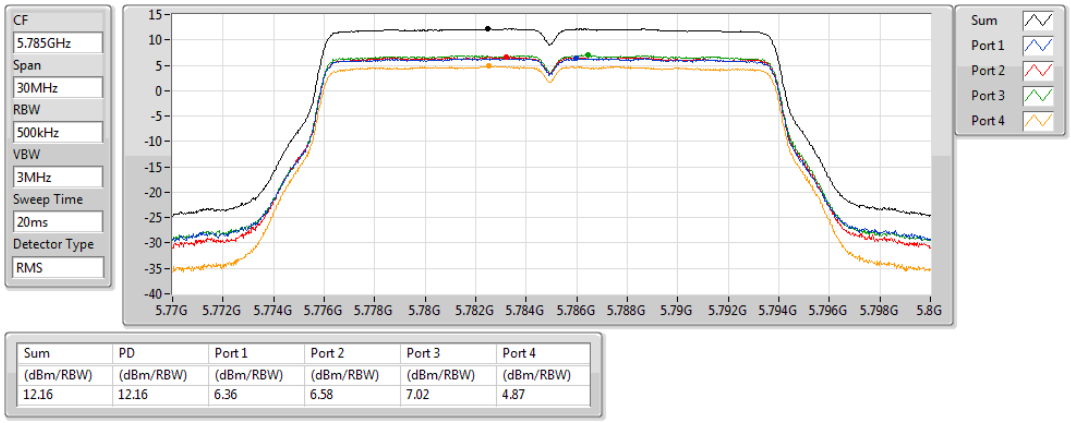
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.41	13.41	7.56	7.83	8.46	5.63

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

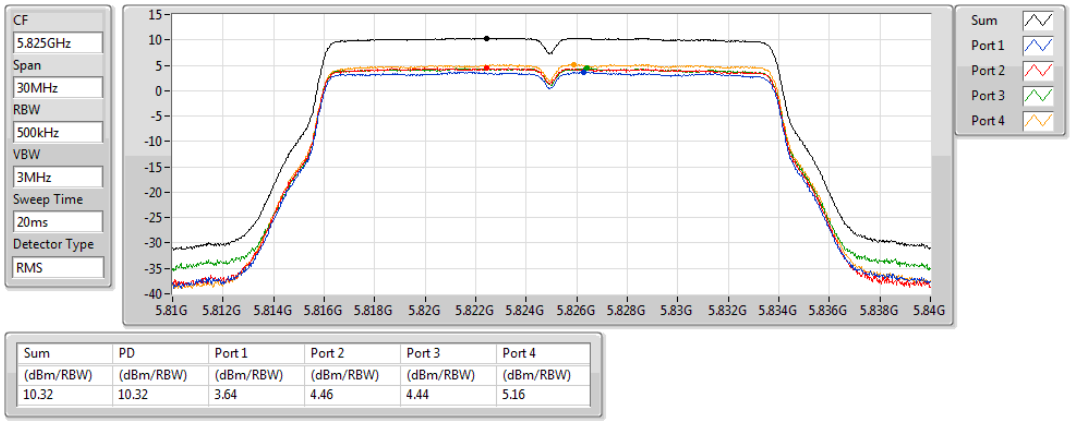
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.16	12.16	6.36	6.58	7.02	4.87

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

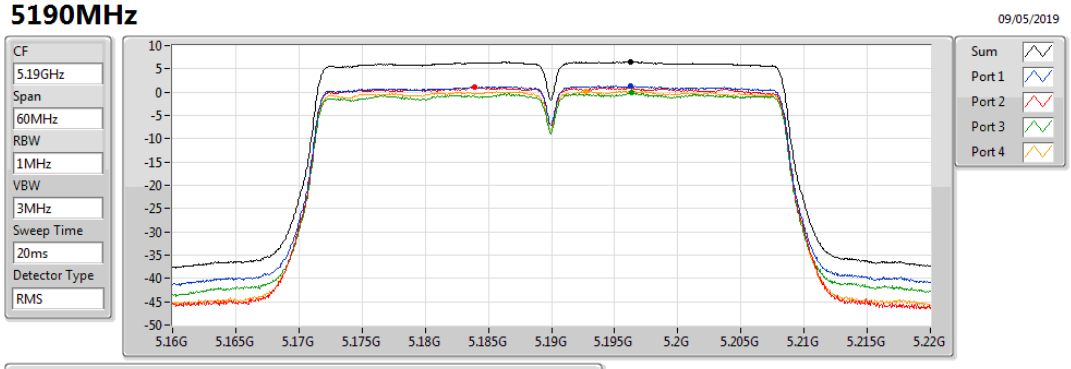
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	3.64	4.46	4.44	5.16

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

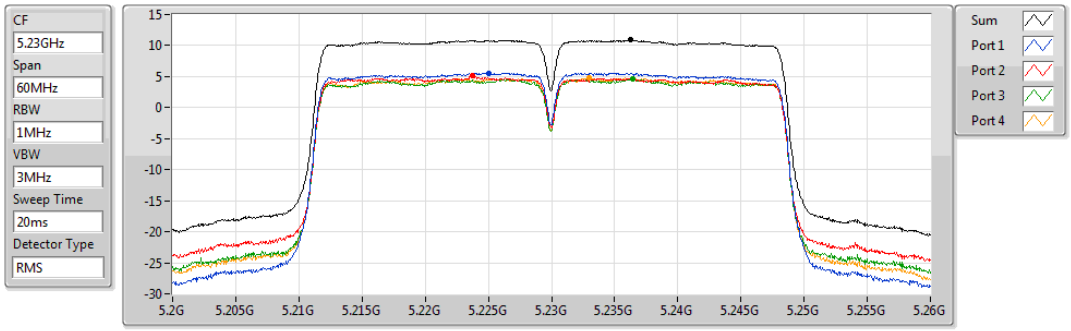
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.54	6.54	1.34	1.03	-0.18	0.18

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

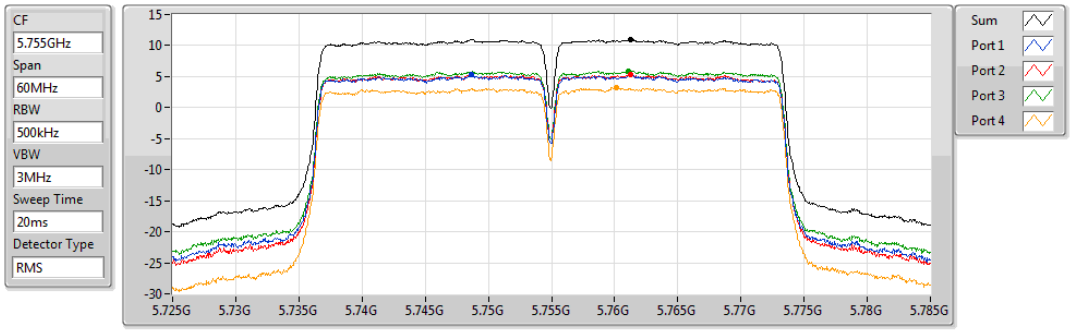
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	5.56	5.08	4.62	4.81

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

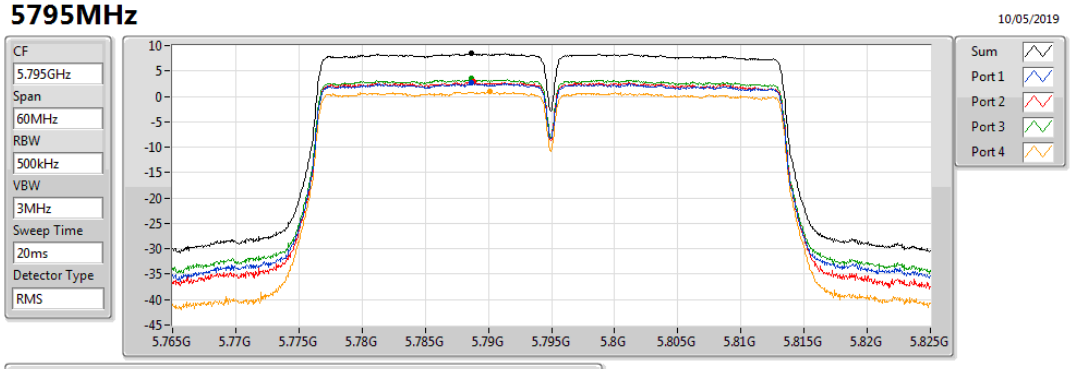
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.01	11.01	5.25	5.40	5.88	3.23

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

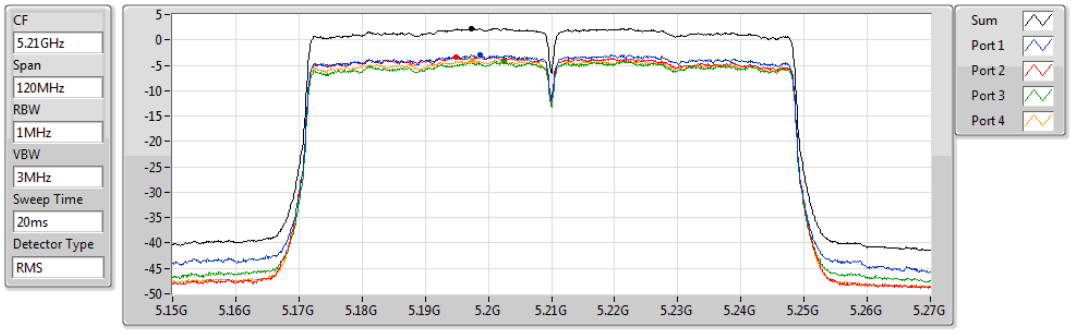
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	2.64	2.89	3.48	0.88

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

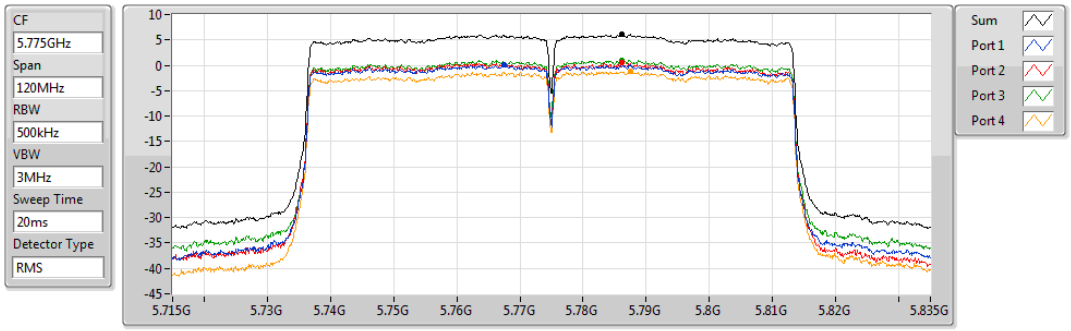
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.28	2.28	-2.96	-3.37	-4.18	-3.97

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

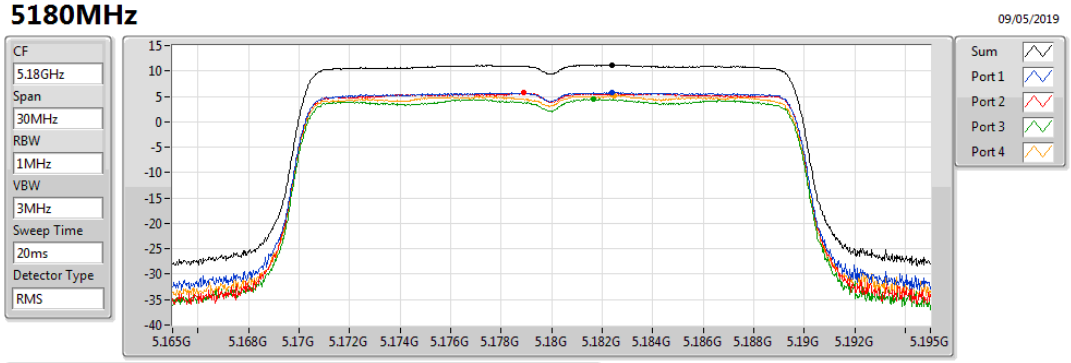
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	0.20	0.46	1.07	-1.23

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

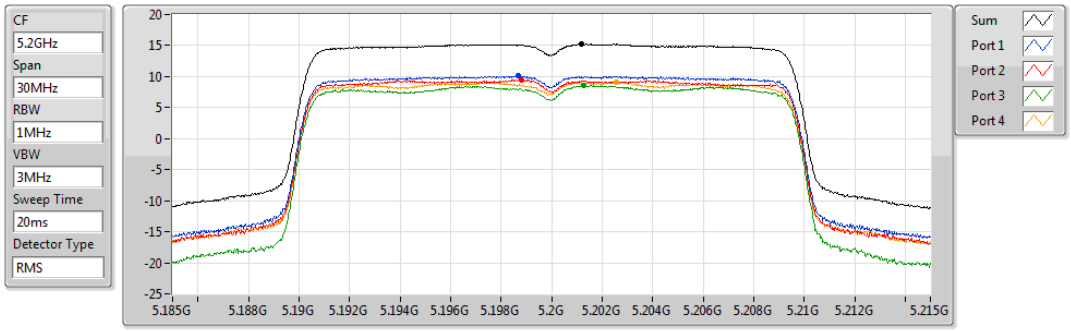
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.18	11.18	5.74	5.66	4.45	5.14

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

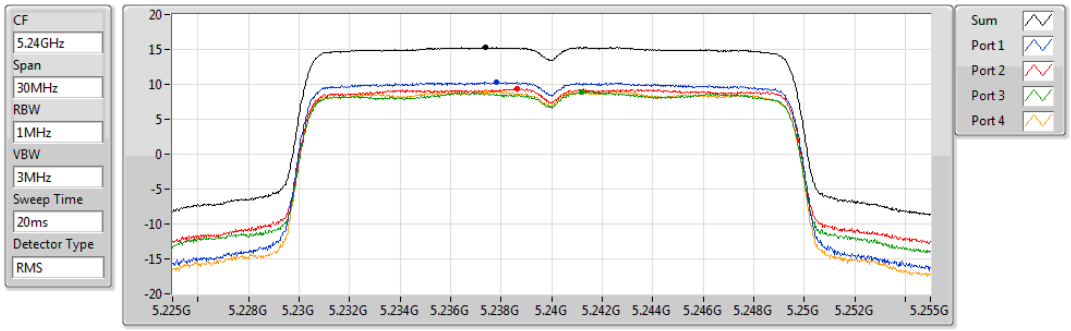
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.24	15.24	10.07	9.53	8.59	9.17

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

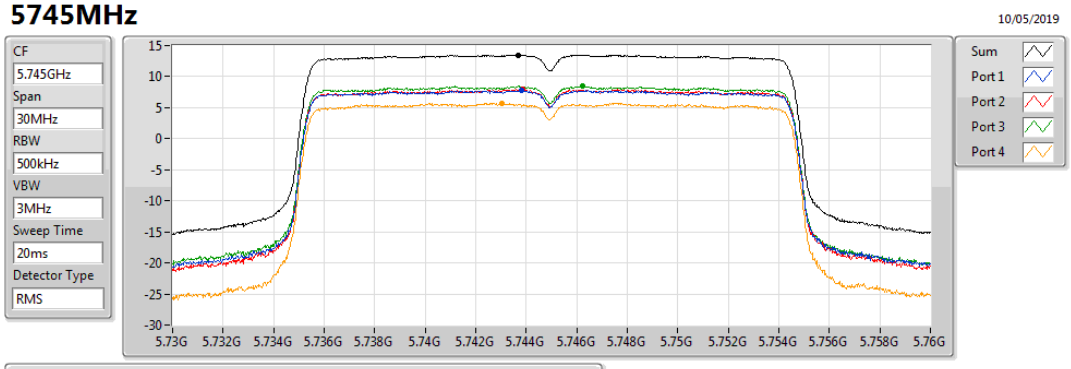
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.31	15.31	10.27	9.40	8.94	8.98

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

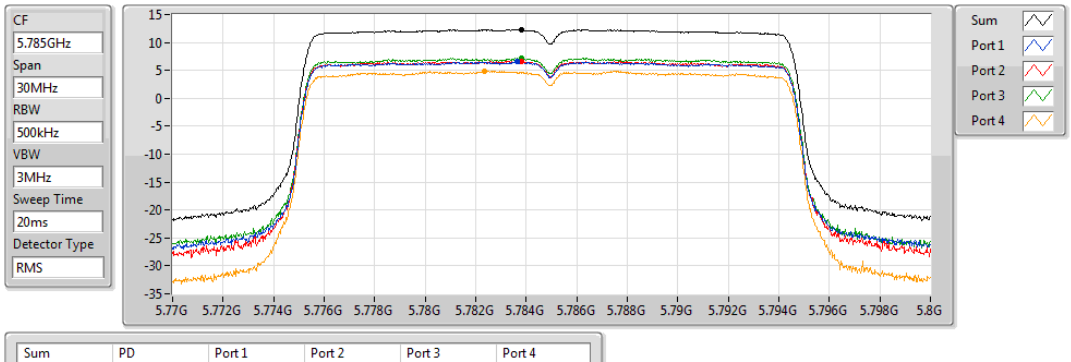
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.50	13.50	7.79	7.92	8.48	5.75

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

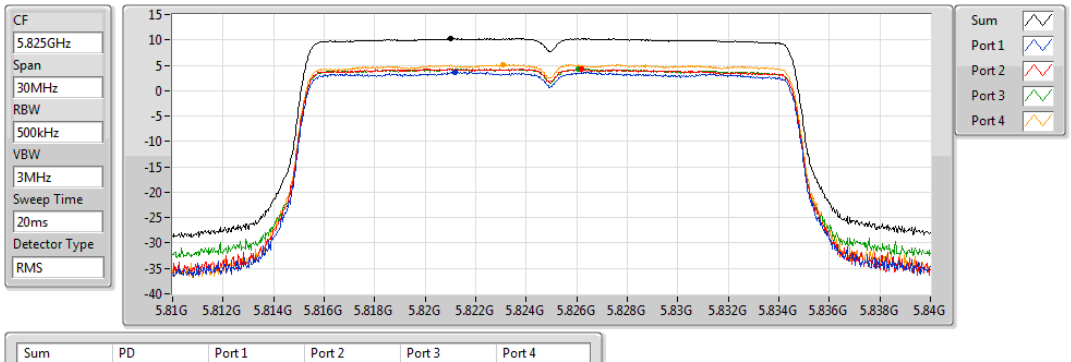
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.33	12.33	6.56	6.65	7.20	4.88

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

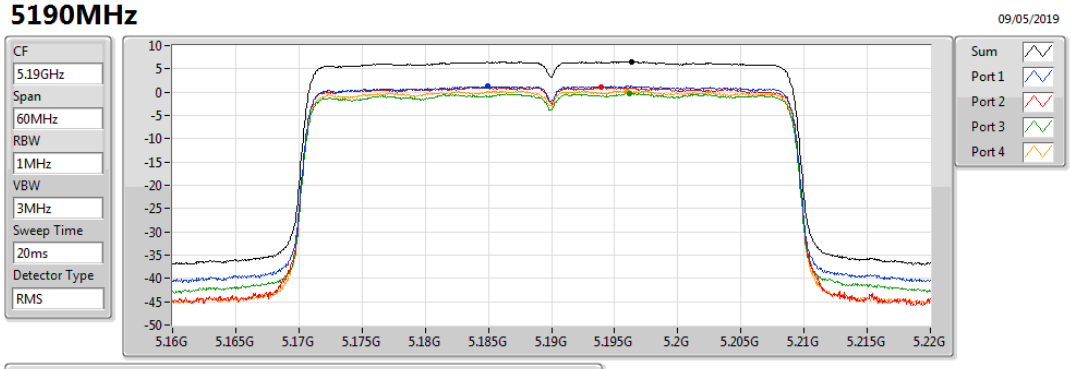
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	3.62	4.30	4.28	5.13

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

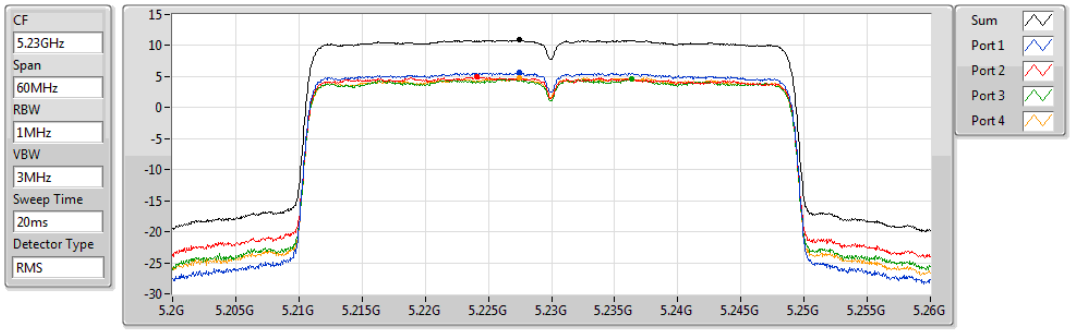
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.60	6.60	1.29	1.06	-0.22	0.27

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

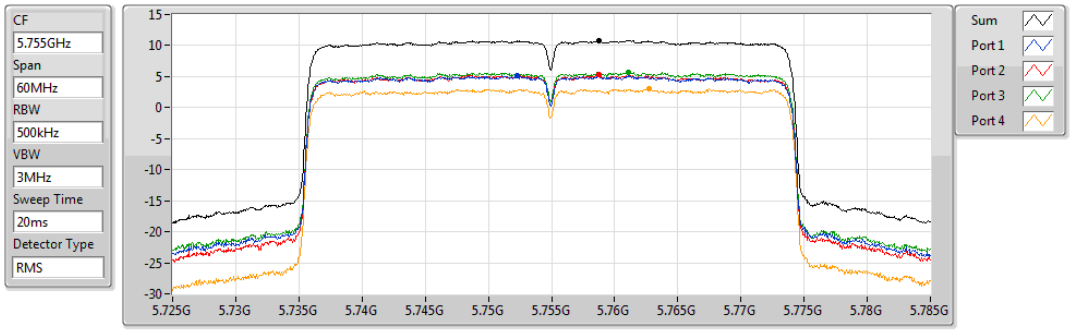
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.91	10.91	5.62	4.99	4.57	4.85

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

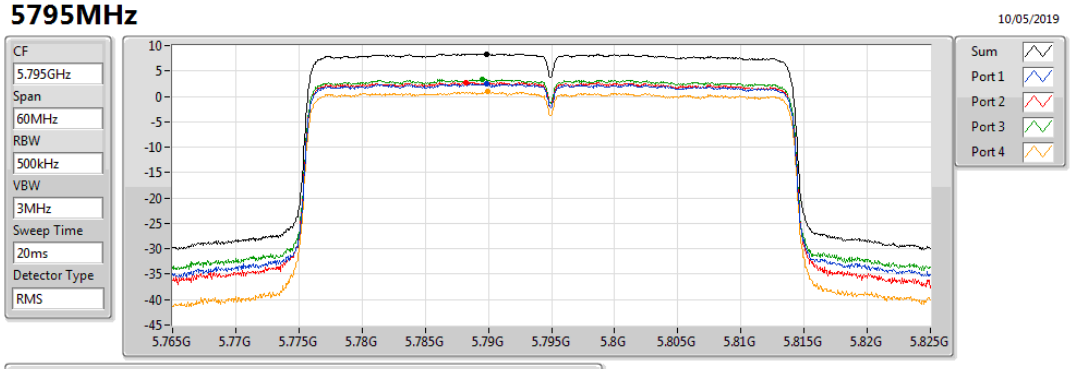
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	5.17	5.28	5.77	3.00

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

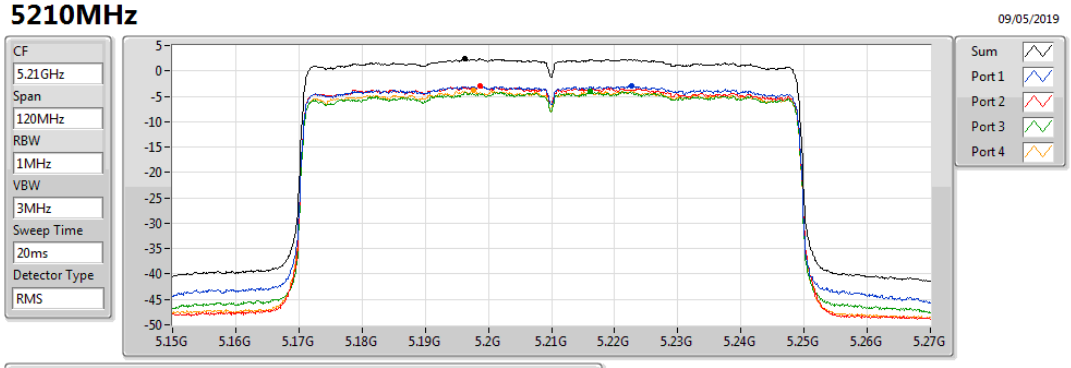
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	2.45	2.79	3.35	1.00

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

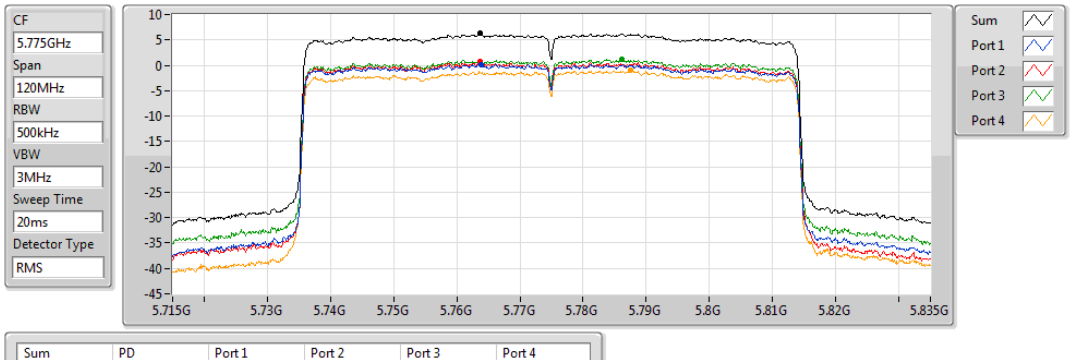
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-3.02	-2.90	-4.08	-3.91

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

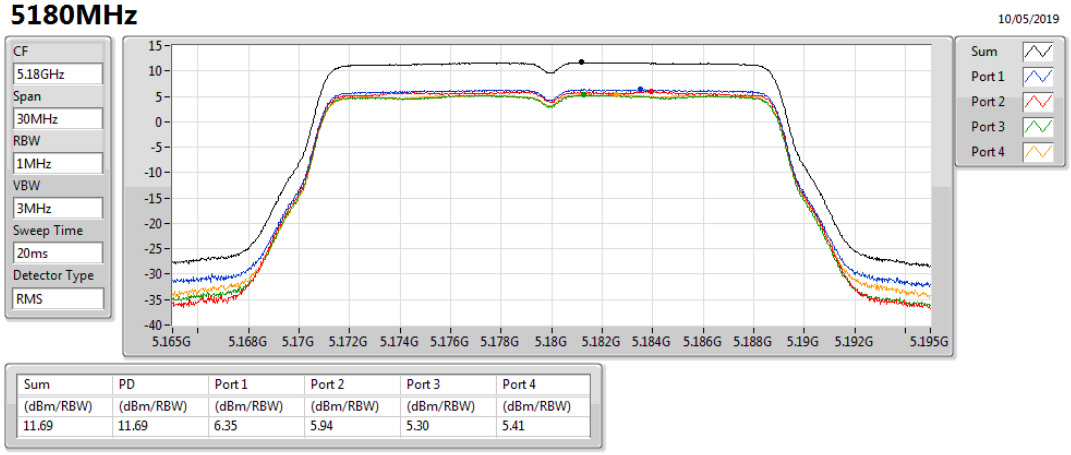
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.28	6.28	0.18	0.85	1.18	-1.02

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

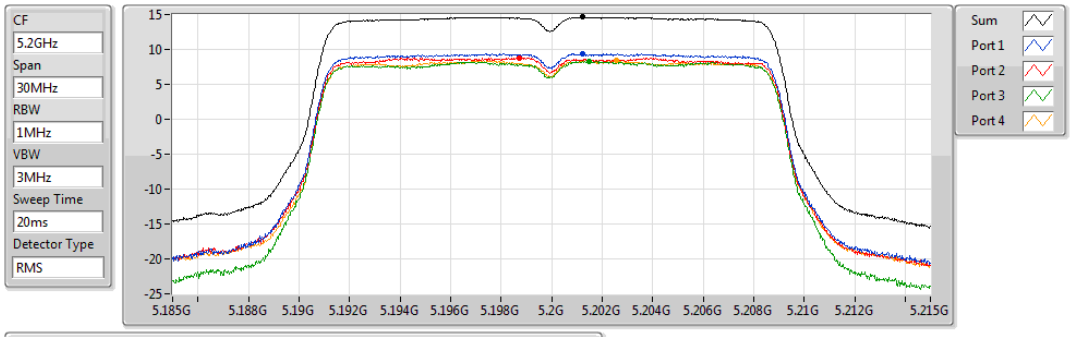
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.69	11.69	6.35	5.94	5.30	5.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

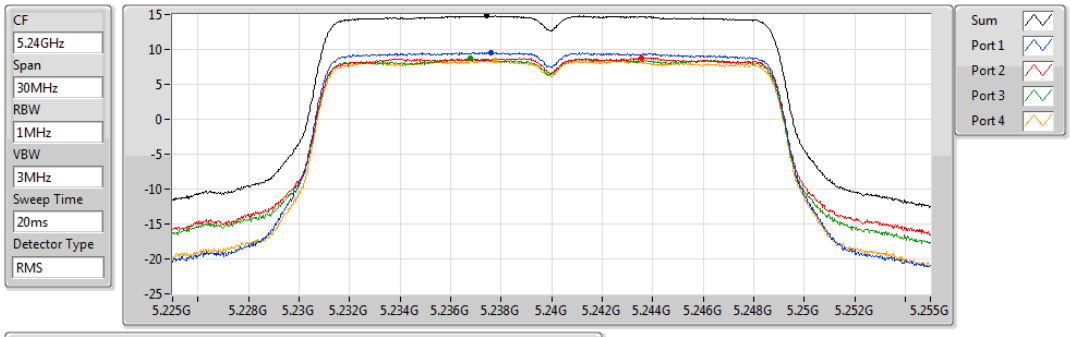
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.63	14.63	9.38	8.82	8.32	8.36

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

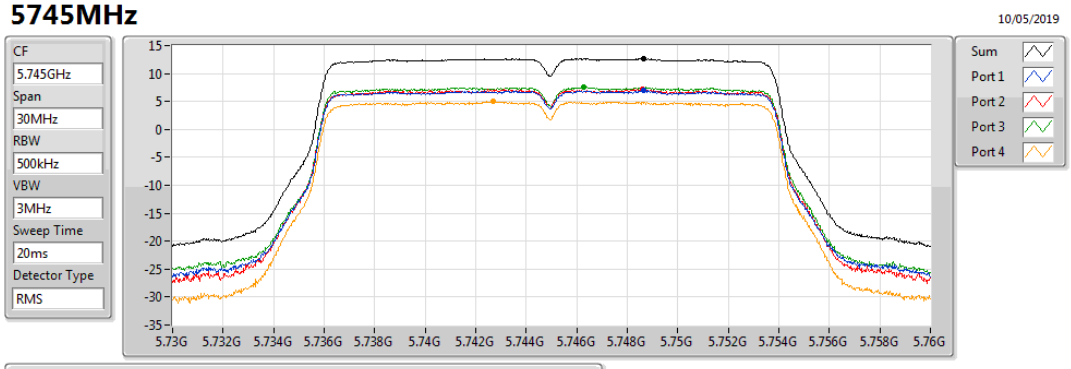
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.80	14.80	9.59	8.82	8.78	8.40

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

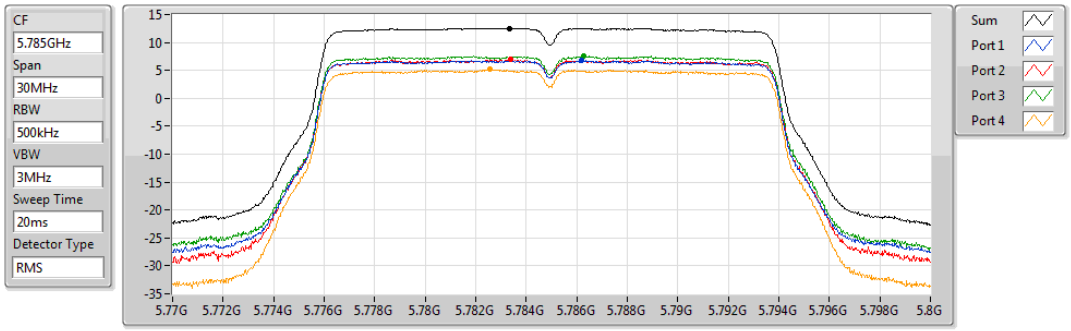
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.67	12.67	6.90	7.16	7.57	4.96

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

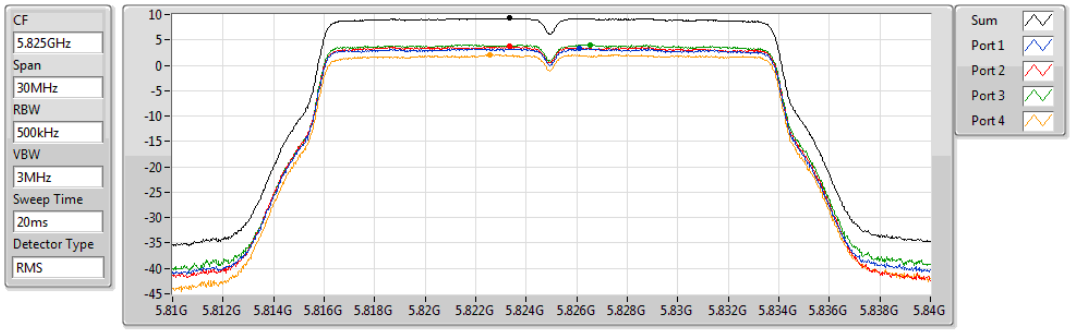
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.54	12.54	6.73	6.91	7.65	5.15

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

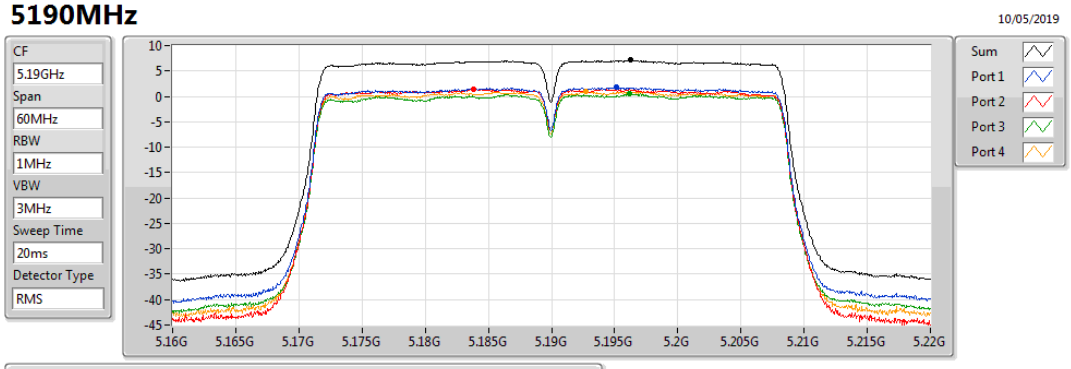
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.25	9.25	3.28	3.70	4.08	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

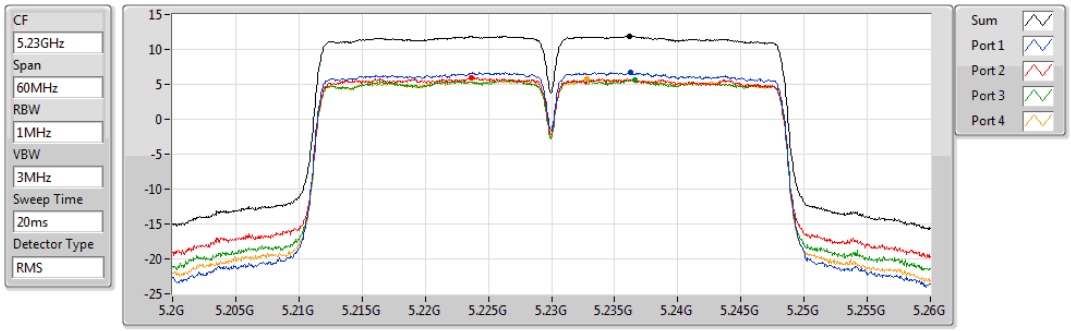
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	1.73	1.41	0.53	0.89

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

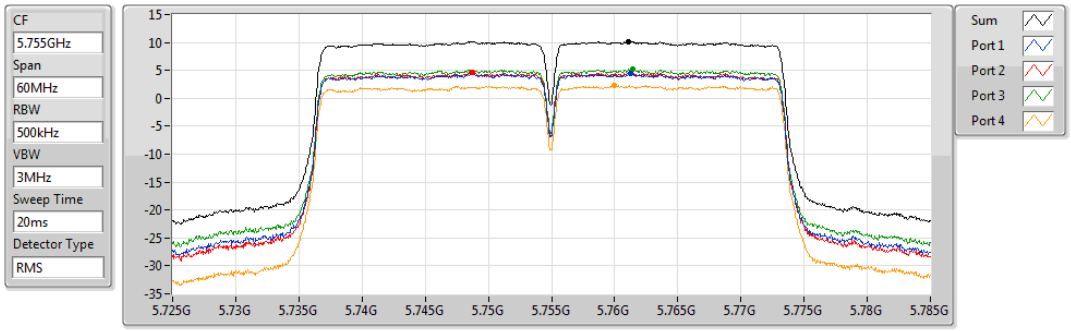
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.90	11.90	6.69	6.00	5.68	5.72

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

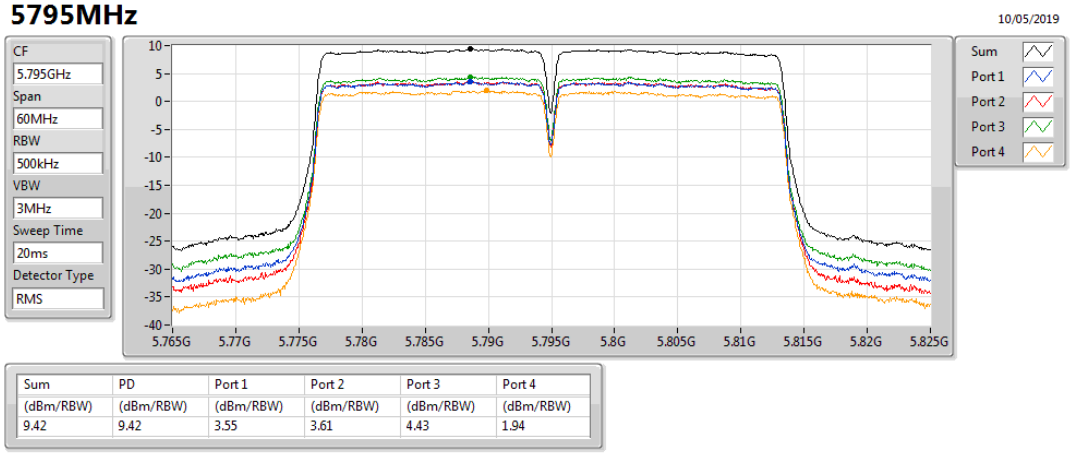
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.18	10.18	4.40	4.63	5.15	2.25

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

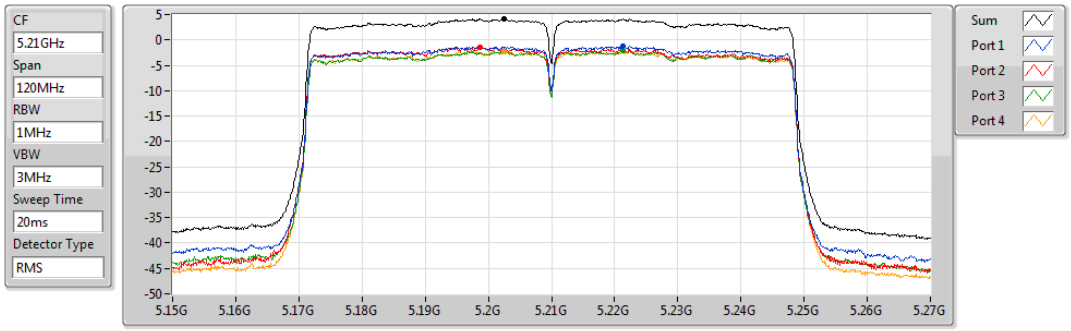
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	3.55	3.61	4.43	1.94

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

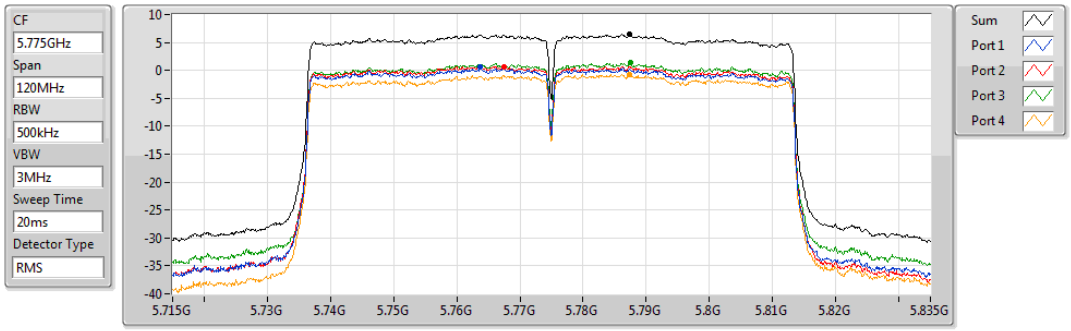
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.12	4.12	-1.27	-1.45	-1.99	-2.28

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

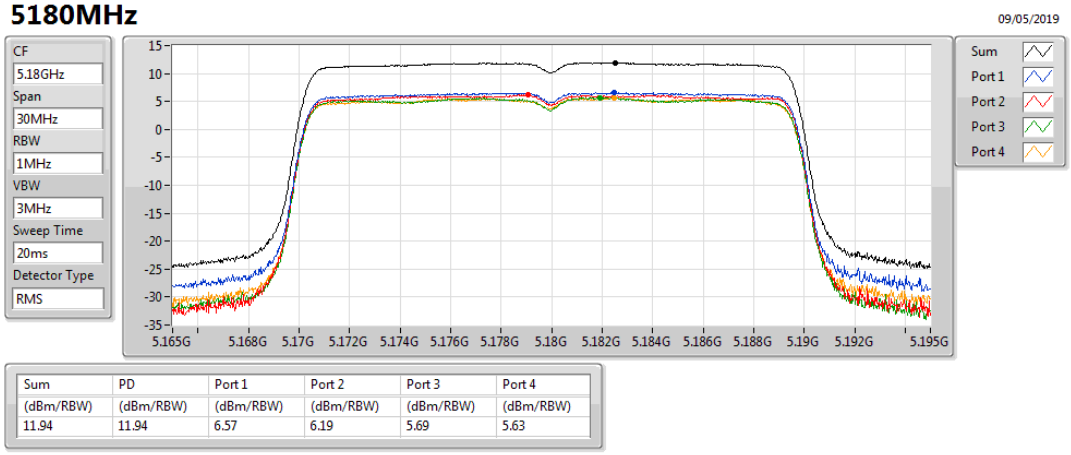
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.44	6.44	0.56	0.71	1.41	-0.74

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

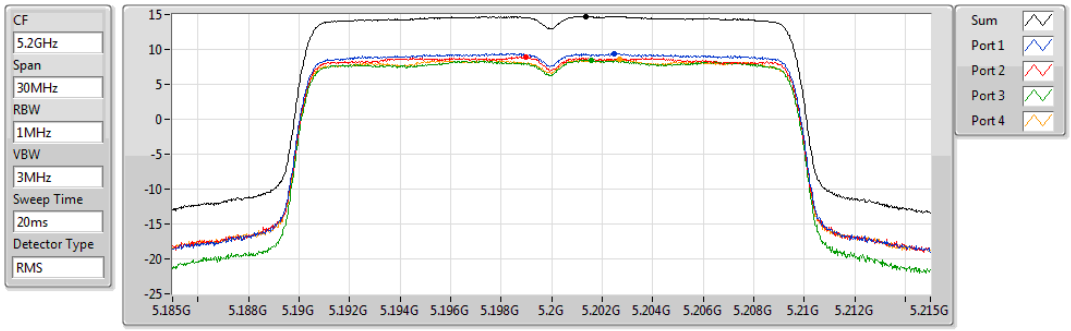
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.94	11.94	6.57	6.19	5.69	5.63

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

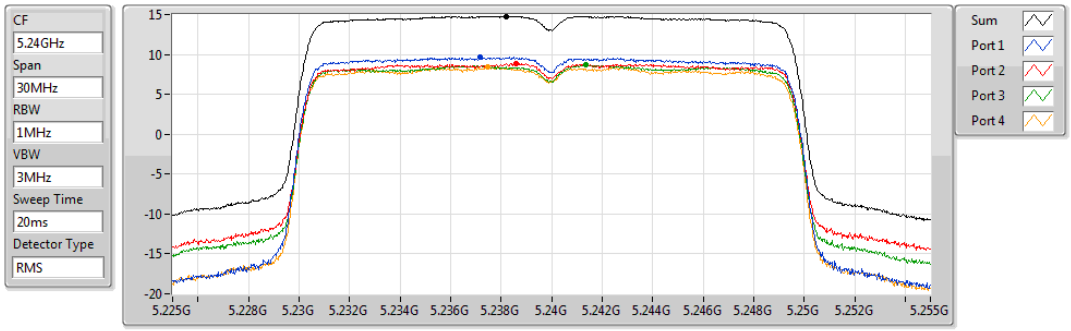
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.74	14.74	9.42	8.92	8.47	8.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

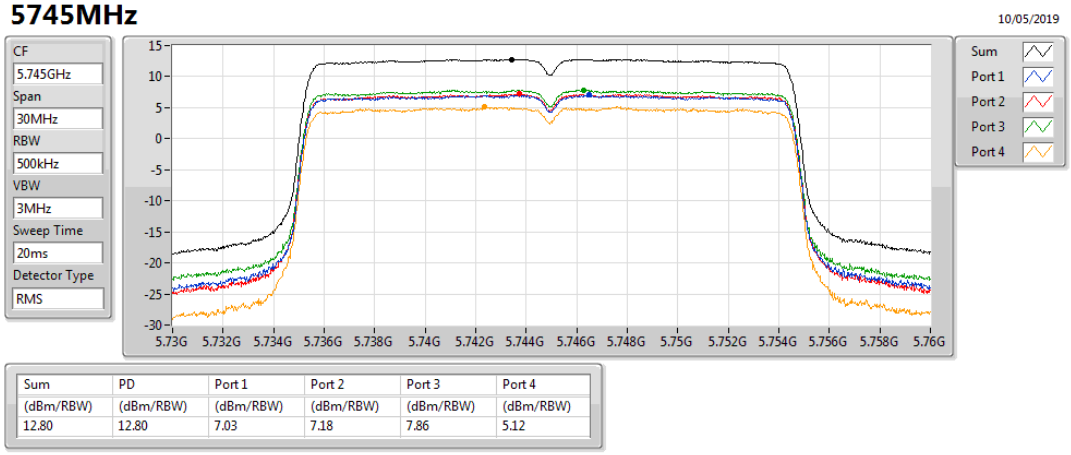
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.79	14.79	9.62	8.88	8.71	8.37

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

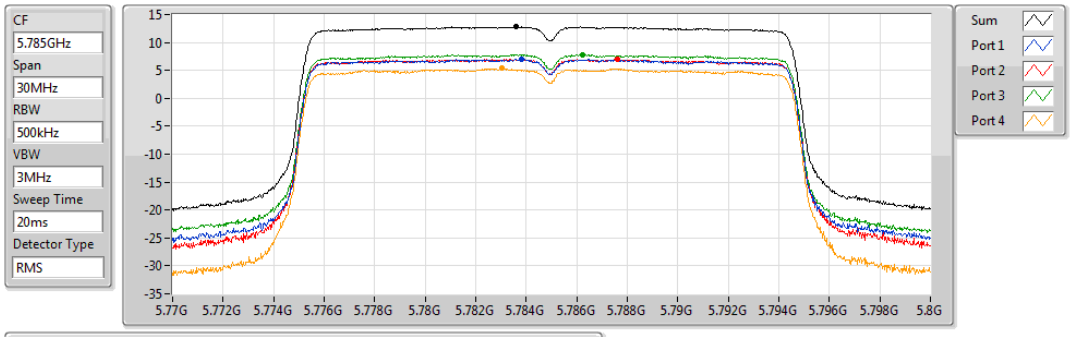
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.80	12.80	7.03	7.18	7.86	5.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

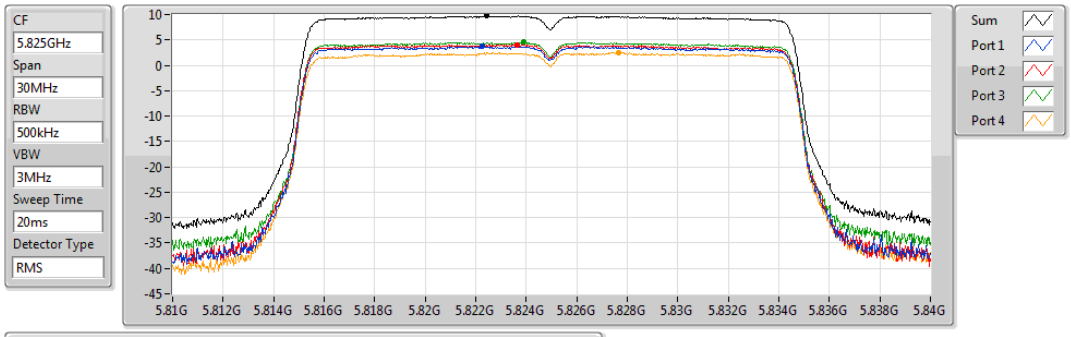
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.79	12.79	6.98	6.98	7.85	5.34

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

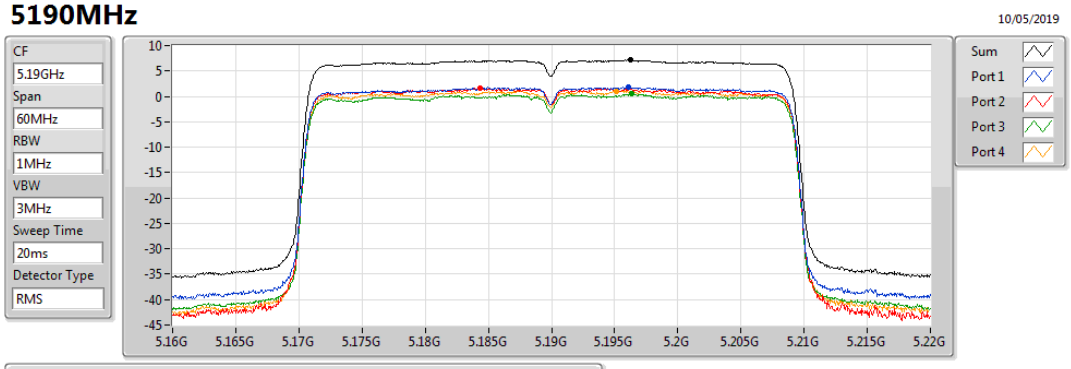
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.69	9.69	3.70	4.05	4.53	2.55

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

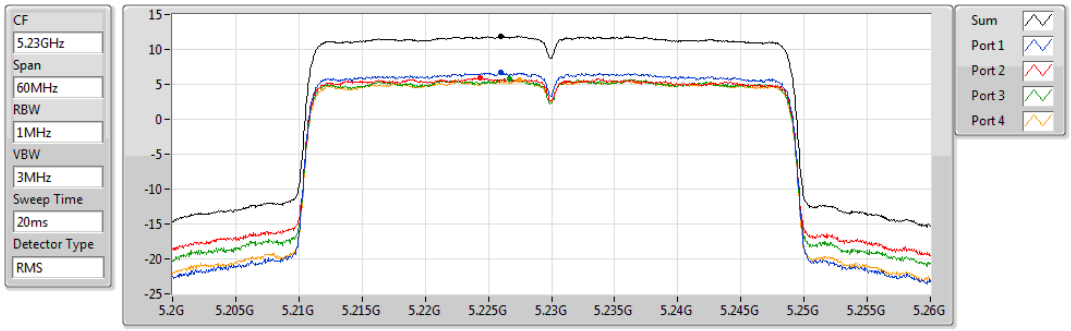
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	1.78	1.58	0.46	1.04

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

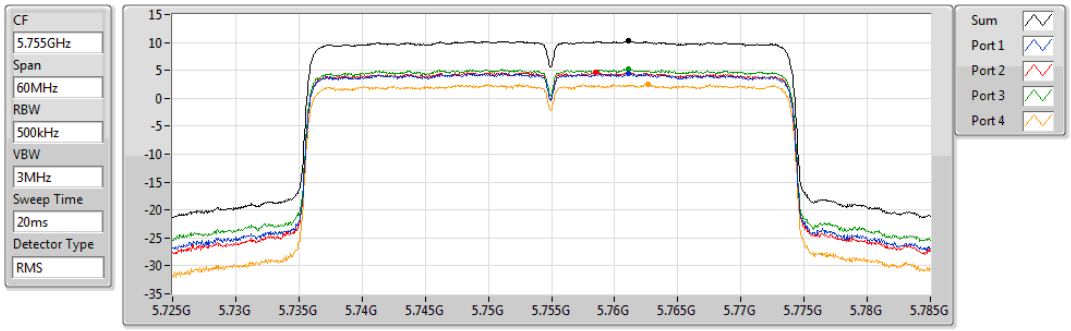
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.86	11.86	6.65	5.89	5.73	5.55

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

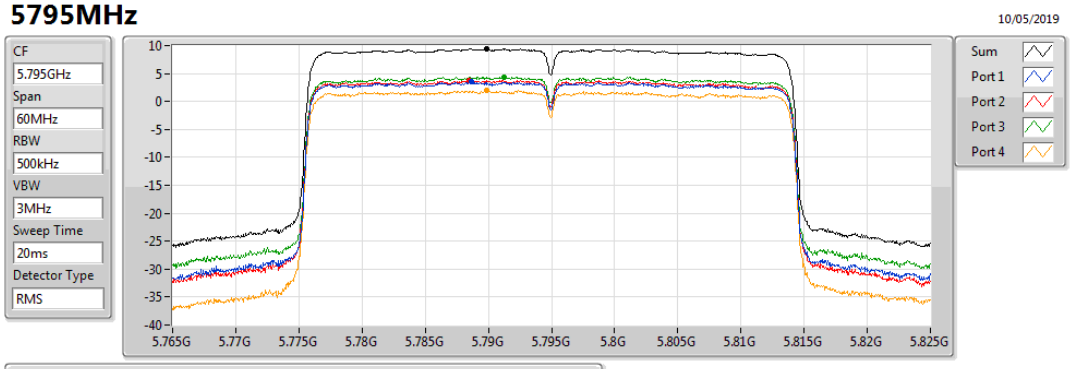
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.24	10.24	4.43	4.61	5.18	2.54

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

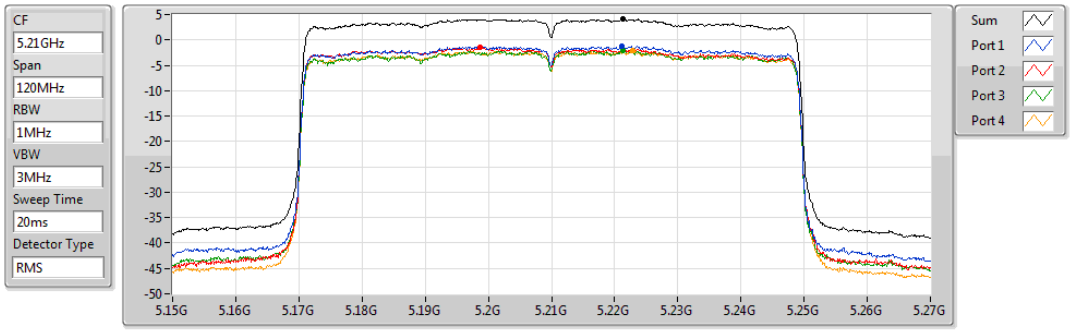
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.40	9.40	3.47	3.77	4.36	1.97

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

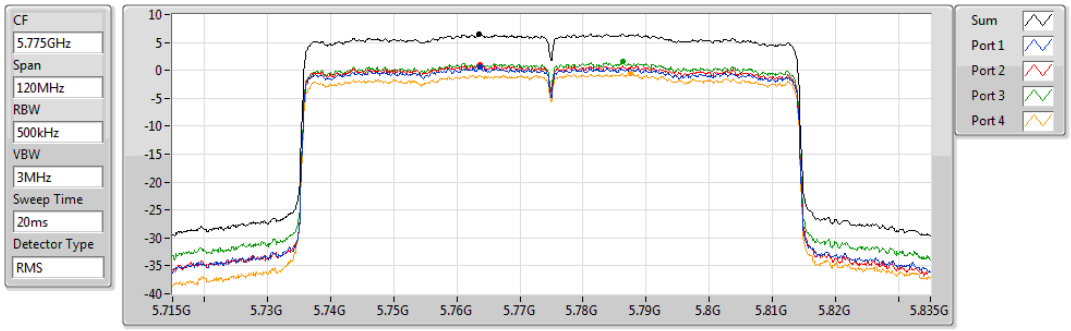
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.13	4.13	-1.18	-1.46	-2.05	-2.19

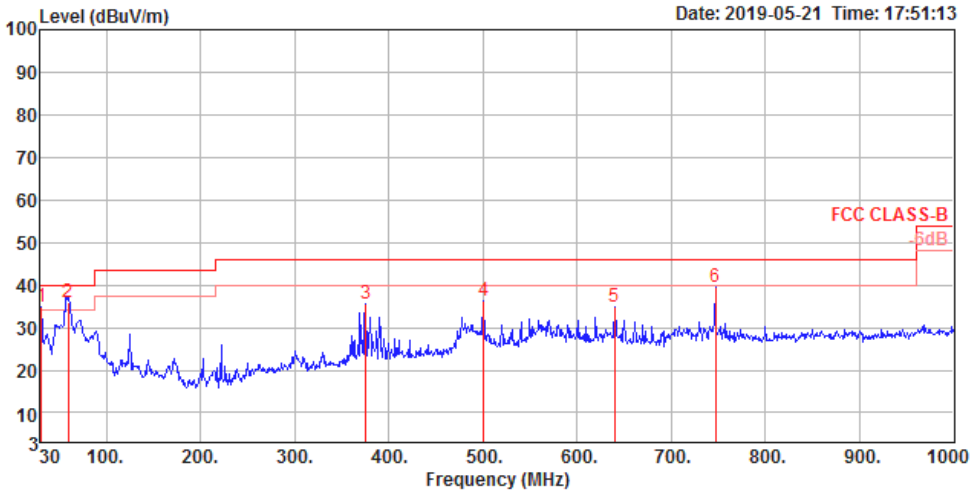
802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	0.70	1.00	1.53	-0.61

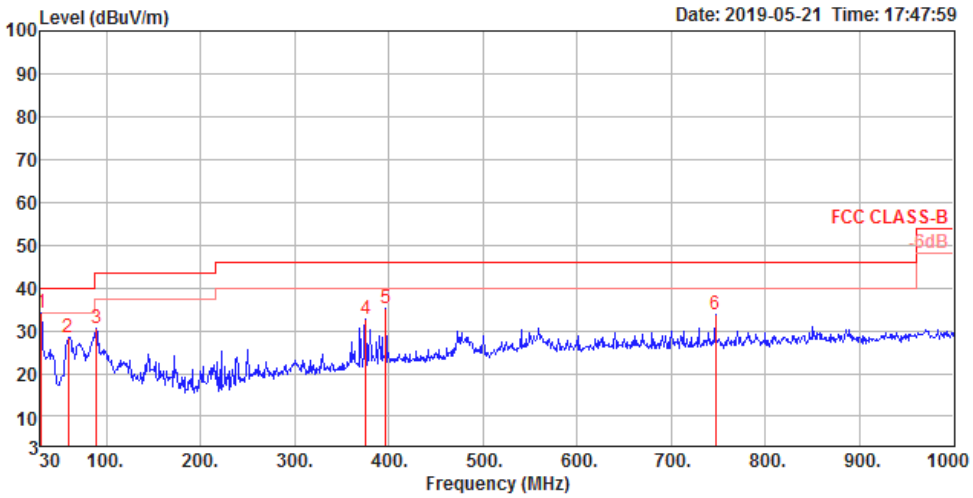
RSE below 1GHz Result			
Operating Mode	2	**Polarization**	Vertical
Operating Function	CTX		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.97	34.95	40.00	-5.05	38.88	0.78	23.86	28.57	300	184	Peak	VERTICAL
2	59.10	35.75	40.00	-4.25	51.10	1.00	12.19	28.54	100	360	QP	VERTICAL
3	375.32	35.74	46.00	-10.26	41.50	2.09	20.73	28.58	150	275	Peak	VERTICAL
4	500.45	36.31	46.00	-9.69	39.78	2.39	23.52	29.38	100	295	Peak	VERTICAL
5	640.13	34.85	46.00	-11.15	36.37	2.72	25.25	29.49	100	212	Peak	VERTICAL
6	746.83	39.69	46.00	-6.31	40.24	2.96	25.90	29.41	100	222	Peak	VERTICAL

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

RSE below 1GHz Result			
Operating Mode	2	**Polarization**	Horizontal
Operating Function	CTX		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.97	33.97	40.00	-6.03	37.90	0.78	23.86	28.57	300	357	Peak	HORIZONTAL
2	59.10	28.49	40.00	-11.51	43.84	1.00	12.19	28.54	300	296	Peak	HORIZONTAL
3	89.17	30.46	43.50	-13.04	42.99	1.16	14.78	28.47	200	88	Peak	HORIZONTAL
4	375.32	32.61	46.00	-13.39	38.37	2.09	20.73	28.58	100	287	Peak	HORIZONTAL
5	396.66	35.35	46.00	-10.65	40.44	2.17	21.50	28.76	125	228	Peak	HORIZONTAL
6	746.83	33.92	46.00	-12.08	34.47	2.96	25.90	29.41	150	110	Peak	HORIZONTAL

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

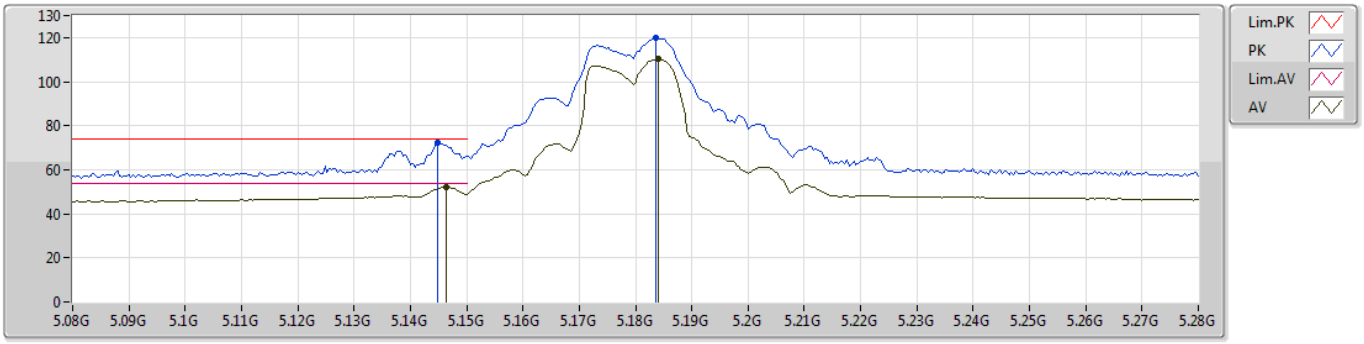
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.1496G	53.94	54.00	-0.06	8.04	3	Vertical	156	1.66	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

27/05/2019



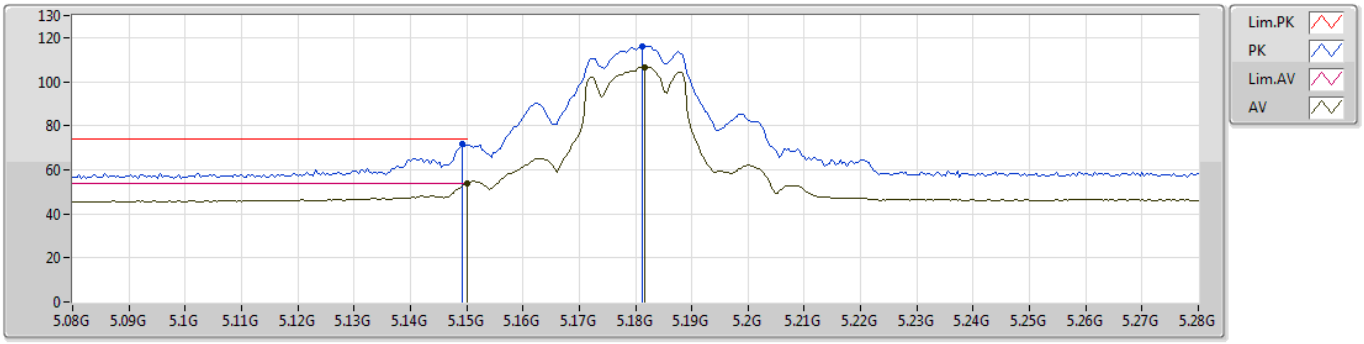
EUT Y_4TX
Setting 82
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1448G	72.52	74.00	-1.48	8.04	3	Vertical	318	1.16	-
AV	5.1464G	52.08	54.00	-1.92	8.04	3	Vertical	318	1.16	-
PK	5.1836G	119.68	Inf	-Inf	8.13	3	Vertical	318	1.16	-
AV	5.184G	110.60	Inf	-Inf	8.13	3	Vertical	318	1.16	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

27/05/2019



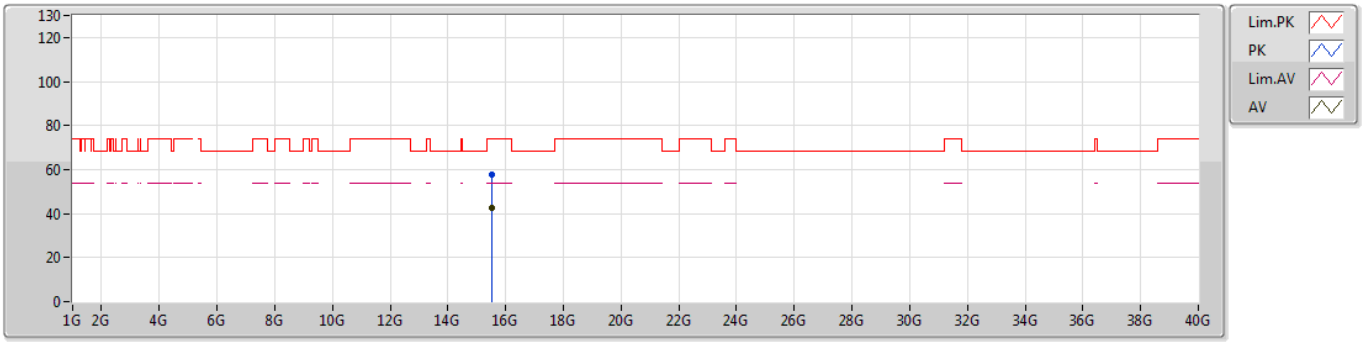
EUT Y_4TX
Setting 82
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1492G	71.50	74.00	-2.50	8.04	3	Horizontal	316	2.96	-
AV	5.15G	53.82	54.00	-0.18	8.04	3	Horizontal	316	2.96	-
PK	5.1812G	116.18	Inf	-Inf	8.12	3	Horizontal	316	2.96	-
AV	5.1816G	106.73	Inf	-Inf	8.12	3	Horizontal	316	2.96	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

27/05/2019



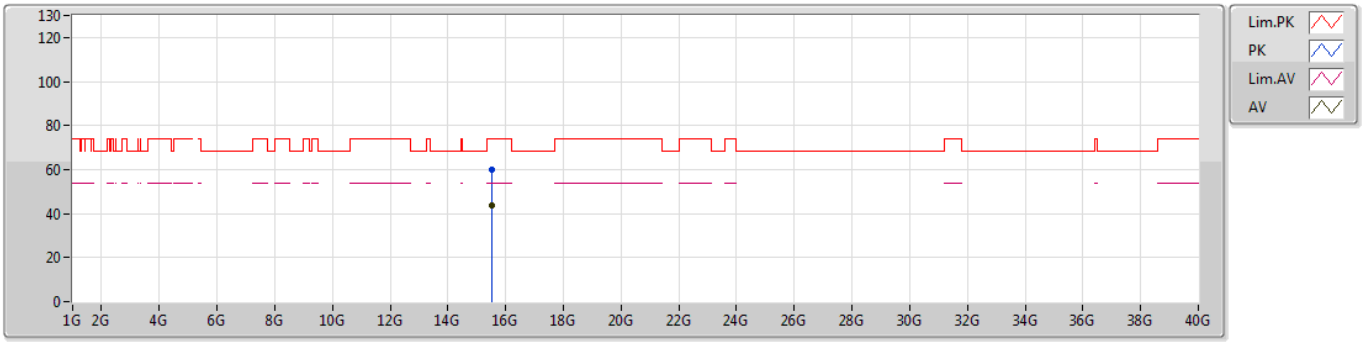
EUT Y_4TX
Setting 82
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5411G	57.83	74.00	-16.17	16.12	3	Vertical	319	1.50	-
AV	15.5427G	42.55	54.00	-11.45	16.12	3	Vertical	319	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

27/05/2019



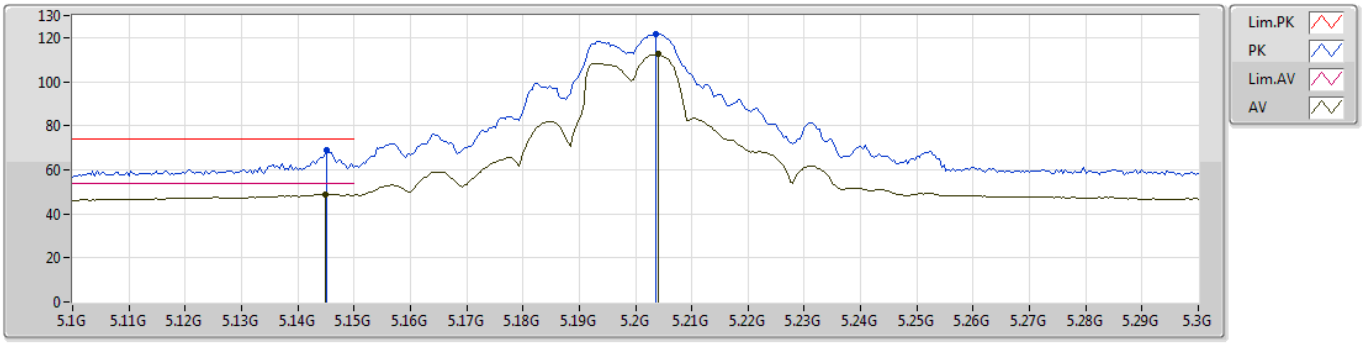
EUT Y_4TX
Setting 82
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5398G	59.98	74.00	-14.02	16.13	3	Horizontal	317	2.99	-
AV	15.5403G	43.47	54.00	-10.53	16.13	3	Horizontal	317	2.99	-

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

27/05/2019



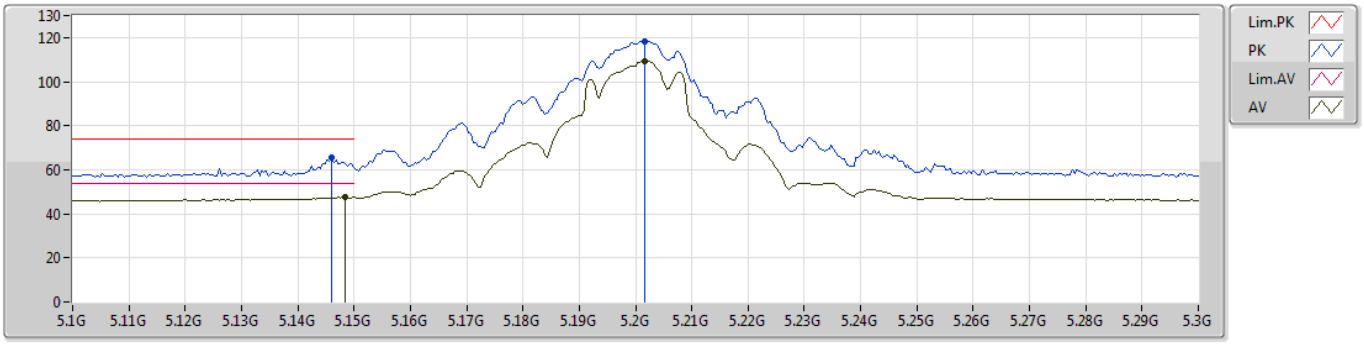
EUT Y_4TX
Setting 93
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1452G	68.83	74.00	-5.17	8.04	3	Vertical	320	1.50	-
AV	5.1448G	48.94	54.00	-5.06	8.04	3	Vertical	320	1.50	-
PK	5.2036G	121.75	Inf	-Inf	8.16	3	Vertical	320	1.50	-
AV	5.204G	112.68	Inf	-Inf	8.16	3	Vertical	320	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

27/05/2019



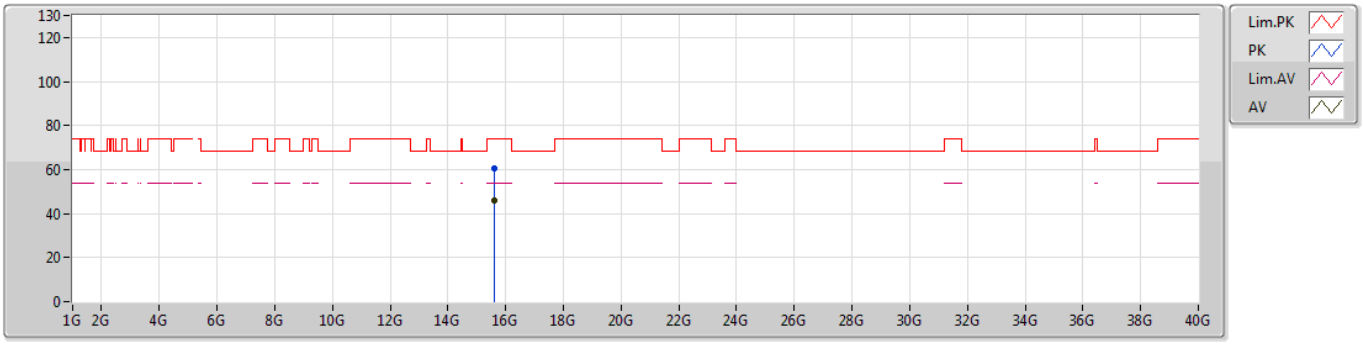
EUT Y_4TX
Setting 93
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.146G	65.73	74.00	-8.27	8.04	3	Horizontal	317	2.93	-
AV	5.1484G	47.50	54.00	-6.50	8.04	3	Horizontal	317	2.93	-
PK	5.2016G	118.47	Inf	-Inf	8.16	3	Horizontal	317	2.93	-
AV	5.2016G	109.39	Inf	-Inf	8.16	3	Horizontal	317	2.93	-

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

27/05/2019



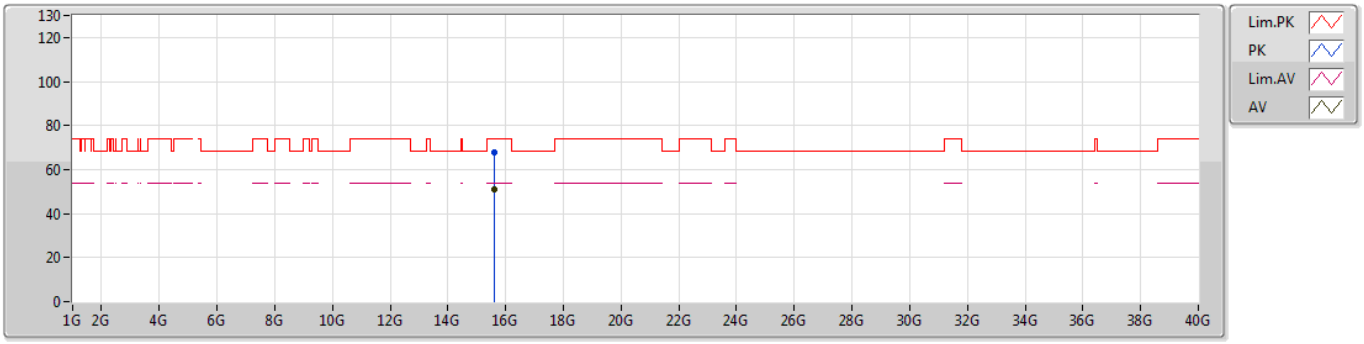
EUT Y_4TX
Setting 93
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5986G	60.61	74.00	-13.39	15.97	3	Vertical	325	2.50	-
AV	15.5982G	45.93	54.00	-8.07	15.98	3	Vertical	325	2.50	-

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

27/05/2019



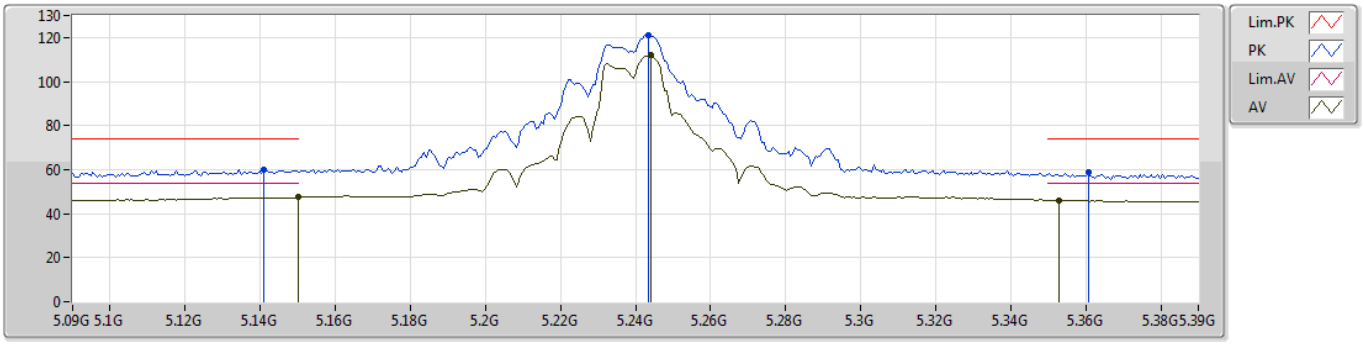
EUT Y_4TX
Setting 93
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6002G	67.71	74.00	-6.29	15.97	3	Horizontal	312	2.99	-
AV	15.6008G	50.85	54.00	-3.15	15.97	3	Horizontal	312	2.99	-

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

27/05/2019



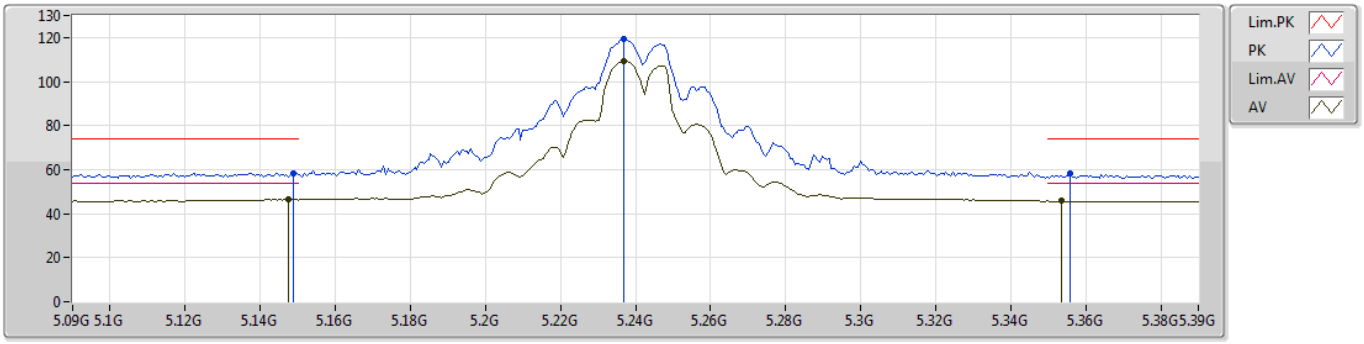
EUT Y_4TX
Setting 94
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.141G	59.85	74.00	-14.15	8.04	3	Vertical	320	1.59	-
AV	5.15G	47.37	54.00	-6.63	8.04	3	Vertical	320	1.59	-
PK	5.2436G	121.31	Inf	-Inf	8.22	3	Vertical	320	1.59	-
AV	5.2442G	112.01	Inf	-Inf	8.22	3	Vertical	320	1.59	-
PK	5.3606G	58.68	74.00	-15.32	8.39	3	Vertical	320	1.59	-
AV	5.3528G	46.15	54.00	-7.85	8.38	3	Vertical	320	1.59	-

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

27/05/2019



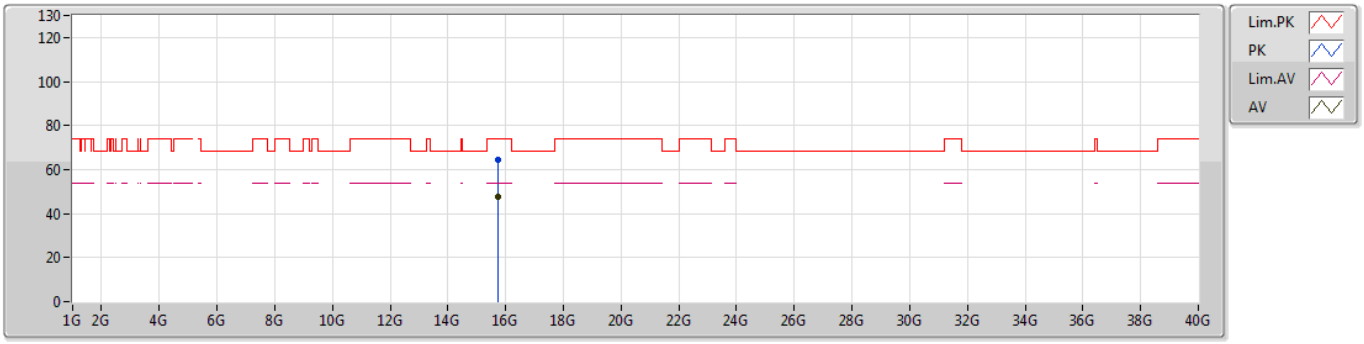
EUT Y_4TX
Setting 94
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1488G	58.35	74.00	-15.65	8.04	3	Horizontal	235	2.35	-
AV	5.1476G	46.40	54.00	-7.60	8.04	3	Horizontal	235	2.35	-
PK	5.237G	119.35	Inf	-Inf	8.21	3	Horizontal	235	2.35	-
AV	5.237G	109.45	Inf	-Inf	8.21	3	Horizontal	235	2.35	-
PK	5.3558G	58.17	74.00	-15.83	8.38	3	Horizontal	235	2.35	-
AV	5.3534G	45.91	54.00	-8.09	8.38	3	Horizontal	235	2.35	-

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

27/05/2019



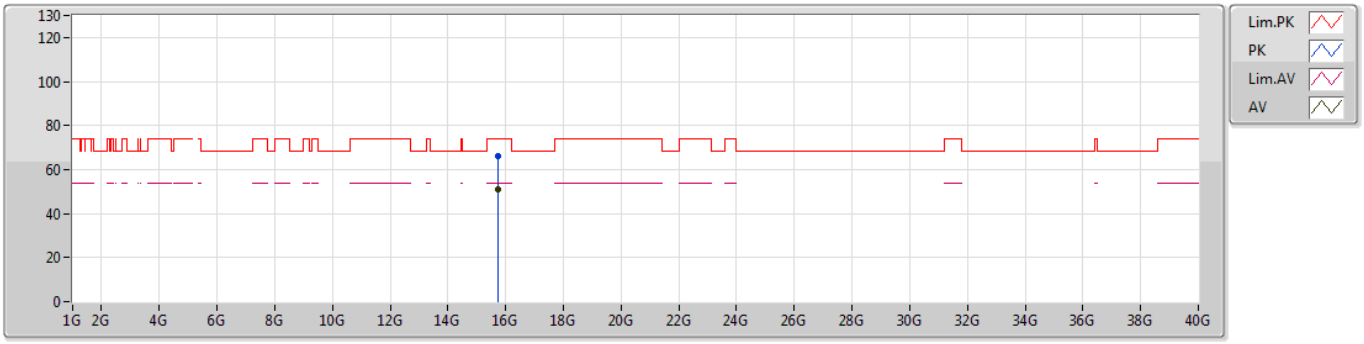
EUT Y_4TX
Setting 94
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.7215G	64.24	74.00	-9.76	15.67	3	Vertical	151	1.70	-
AV	15.7212G	47.82	54.00	-6.18	15.67	3	Vertical	151	1.70	-

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

27/05/2019



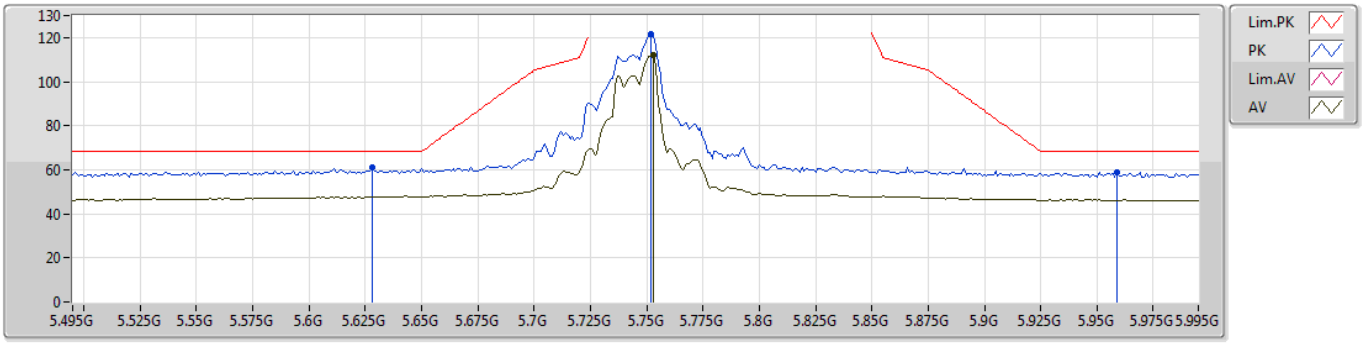
EUT Y_4TX
Setting 94
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.7213G	66.37	74.00	-7.63	15.67	3	Horizontal	296	1.50	-
AV	15.7213G	50.84	54.00	-3.16	15.67	3	Horizontal	296	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

27/05/2019



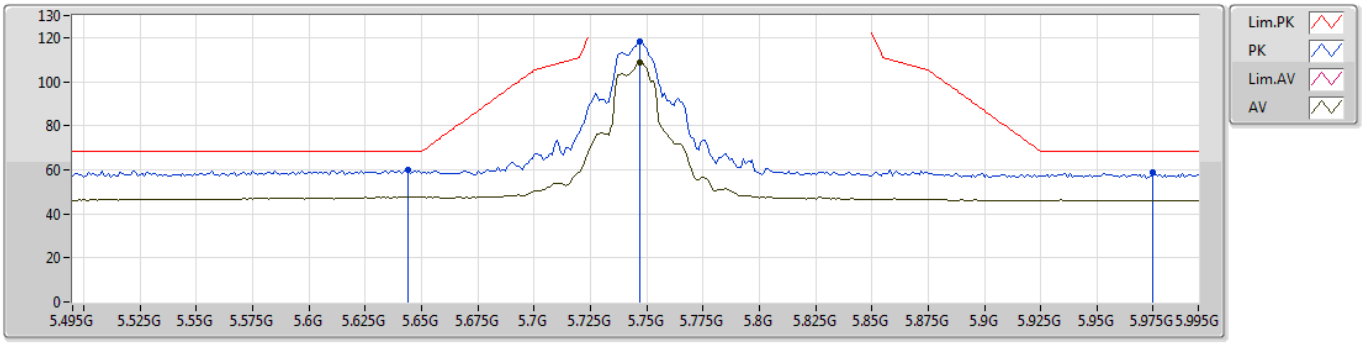
EUT Y_4TX
Setting 92
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.628G	60.82	68.20	-7.38	8.68	3	Vertical	211	2.08	-
PK	5.752G	121.37	Inf	-Inf	8.83	3	Vertical	211	2.08	-
AV	5.753G	112.09	Inf	-Inf	8.83	3	Vertical	211	2.08	-
PK	5.959G	58.78	68.20	-9.42	8.84	3	Vertical	211	2.08	-

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

27/05/2019



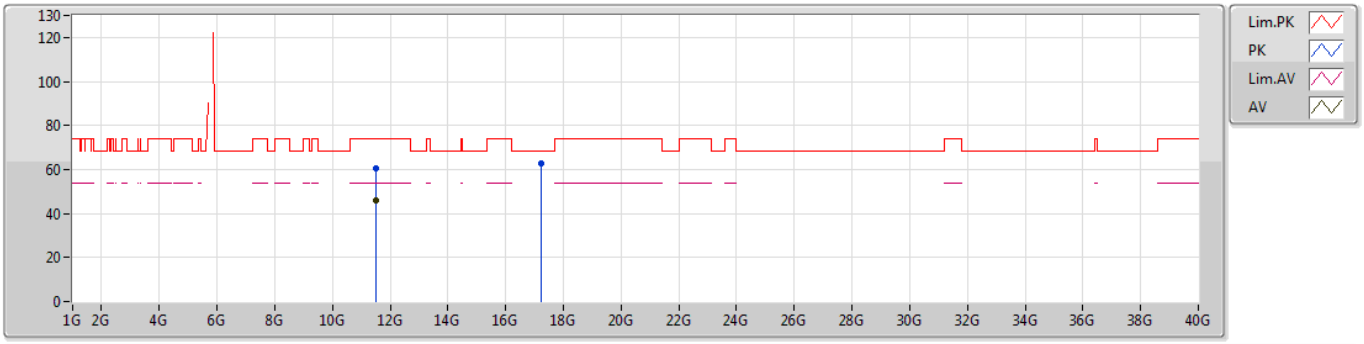
EUT Y_4TX
Setting 92
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.644G	59.71	68.20	-8.49	8.70	3	Horizontal	109	2.82	-
PK	5.747G	117.98	Inf	-Inf	8.82	3	Horizontal	109	2.82	-
AV	5.747G	108.54	Inf	-Inf	8.82	3	Horizontal	109	2.82	-
PK	5.975G	58.71	68.20	-9.49	8.84	3	Horizontal	109	2.82	-

802.11a_Nss1,(6Mbps)_4TX

27/05/2019

5745MHz_TX



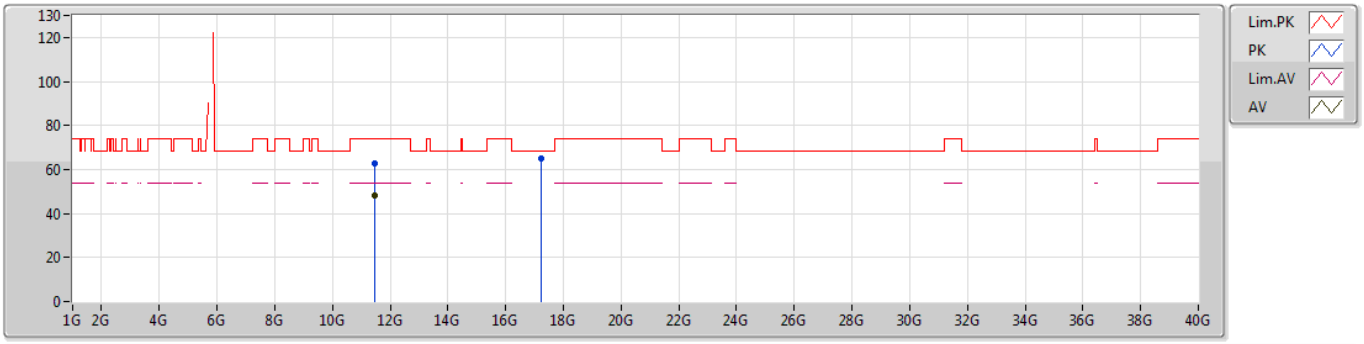
EUT Y_4TX
Setting 92
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.48736G	60.24	74.00	-13.76	14.94	3	Vertical	119	2.67	-
AV	11.48814G	45.86	54.00	-8.14	14.94	3	Vertical	119	2.67	-
PK	17.23668G	62.85	68.20	-5.35	20.75	3	Vertical	46	2.54	-

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

27/05/2019



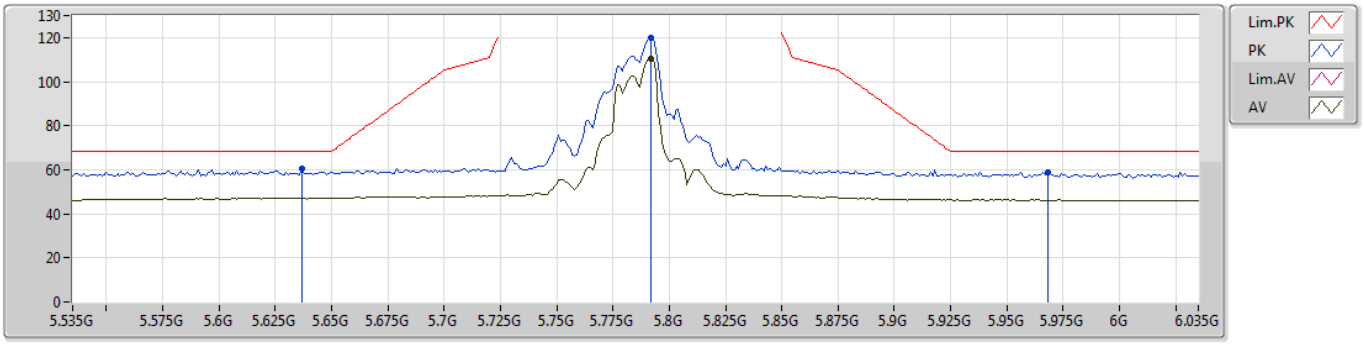
EUT Y_4TX
Setting 92
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4837G	62.58	74.00	-11.42	14.94	3	Horizontal	71	2.86	-
AV	11.48586G	48.31	54.00	-5.69	14.94	3	Horizontal	71	2.86	-
PK	17.2361G	65.16	68.20	-3.04	20.74	3	Horizontal	104	2.83	-

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

27/05/2019



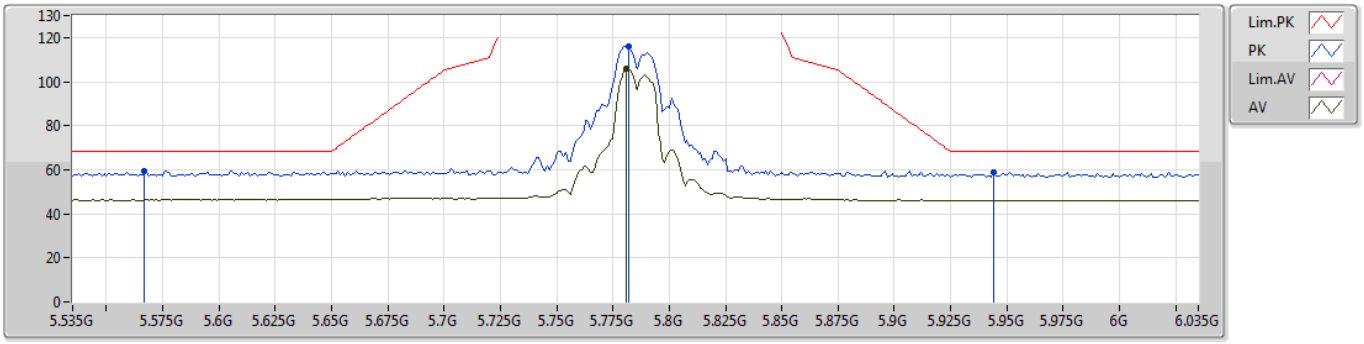
EUT Y_4TX
Setting 86
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.637G	60.26	68.20	-7.94	8.69	3	Vertical	169	2.19	-
PK	5.792G	119.79	Inf	-Inf	8.87	3	Vertical	169	2.19	-
AV	5.792G	110.44	Inf	-Inf	8.87	3	Vertical	169	2.19	-
PK	5.968G	58.73	68.20	-9.47	8.84	3	Vertical	169	2.19	-

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

27/05/2019



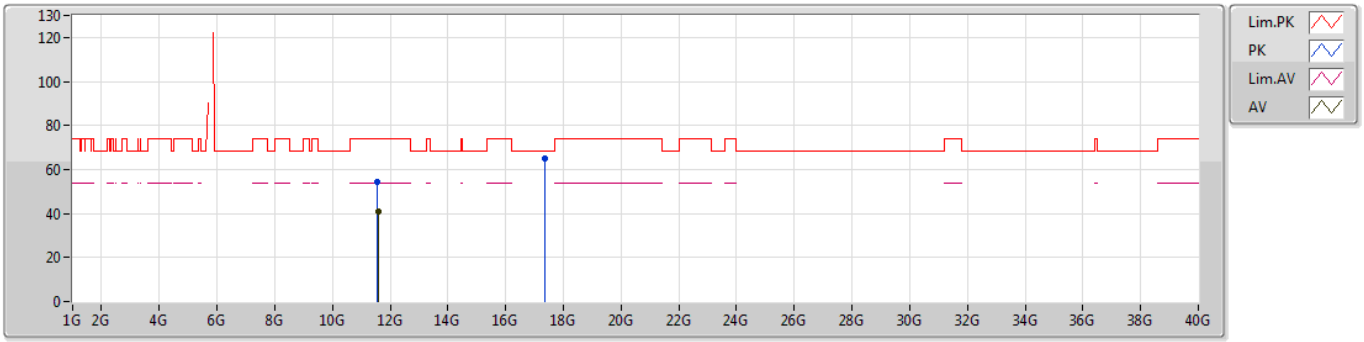
EUT Y_4TX
Setting 86
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.567G	59.65	68.20	-8.55	8.63	3	Horizontal	301	2.30	-
PK	5.782G	116.22	Inf	-Inf	8.87	3	Horizontal	301	2.30	-
AV	5.781G	105.82	Inf	-Inf	8.87	3	Horizontal	301	2.30	-
PK	5.944G	58.80	68.20	-9.40	8.86	3	Horizontal	301	2.30	-

802.11a_Nss1,(6Mbps)_4TX

27/05/2019

5785MHz_TX



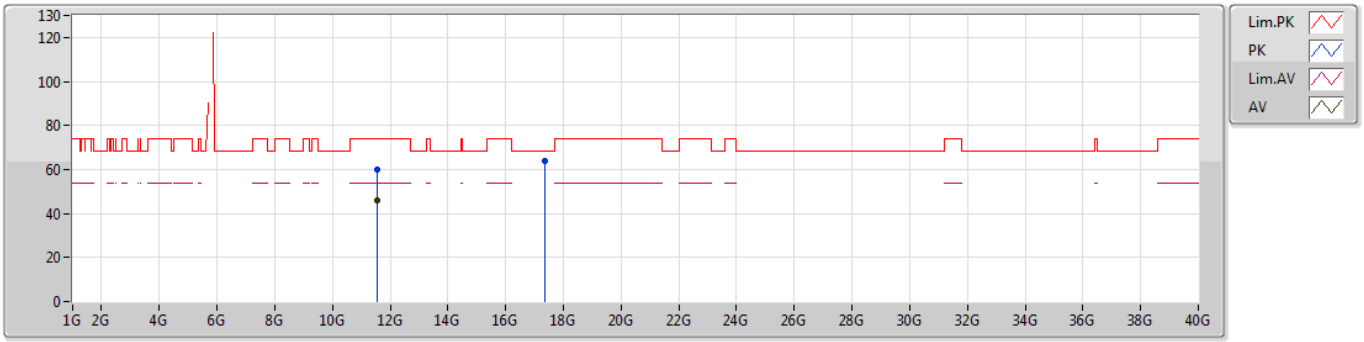
EUT Y_4TX
Setting 86
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.57172G	54.26	74.00	-19.74	15.05	3	Vertical	195	2.12	-
AV	11.57284G	40.66	54.00	-13.34	15.06	3	Vertical	195	2.12	-
PK	17.3674G	64.96	68.20	-3.24	21.53	3	Vertical	316	1.96	-

802.11a_Nss1,(6Mbps)_4TX

27/05/2019

5785MHz_TX



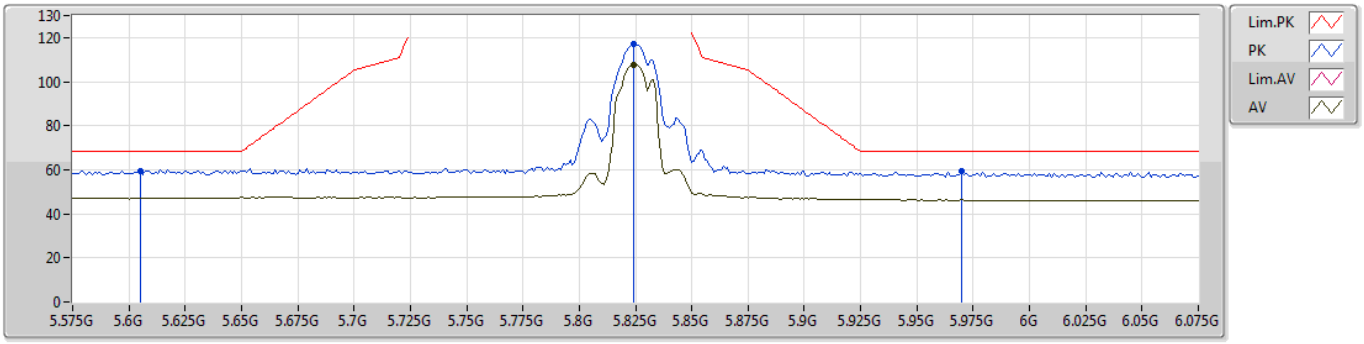
EUT Y_4TX
Setting 86
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.56752G	59.68	74.00	-14.32	15.05	3	Horizontal	64	2.80	-
AV	11.56568G	46.09	54.00	-7.91	15.05	3	Horizontal	64	2.80	-
PK	17.3566G	64.02	68.20	-4.18	21.47	3	Horizontal	95	2.72	-

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

27/05/2019



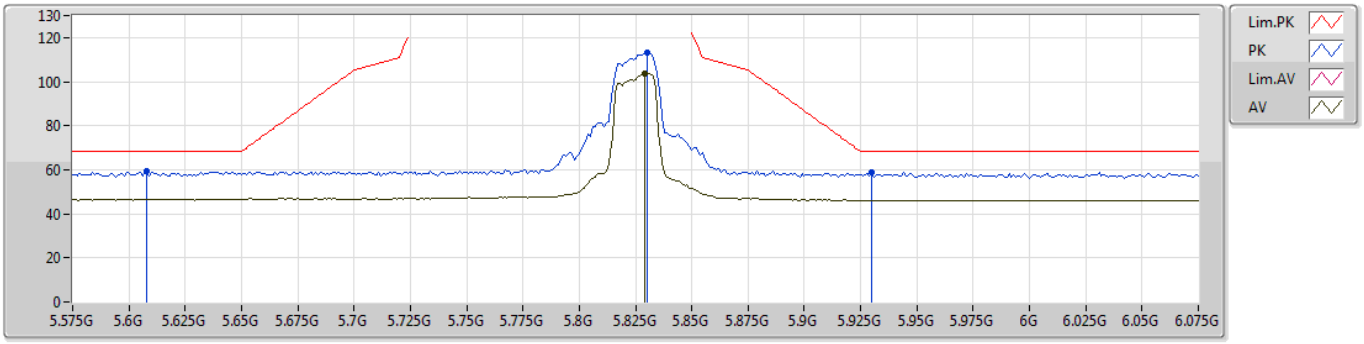
EUT Y_4TX
Setting 72
02-C-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.605G	59.42	68.20	-8.78	8.65	3	Vertical	-	-	-
PK	5.824G	117.10	Inf	-Inf	8.87	3	Vertical	306	1.42	-
AV	5.824G	107.74	Inf	-Inf	8.87	3	Vertical	306	1.42	-
PK	5.97G	59.58	68.20	-8.62	8.84	3	Vertical	306	1.42	-

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

27/05/2019



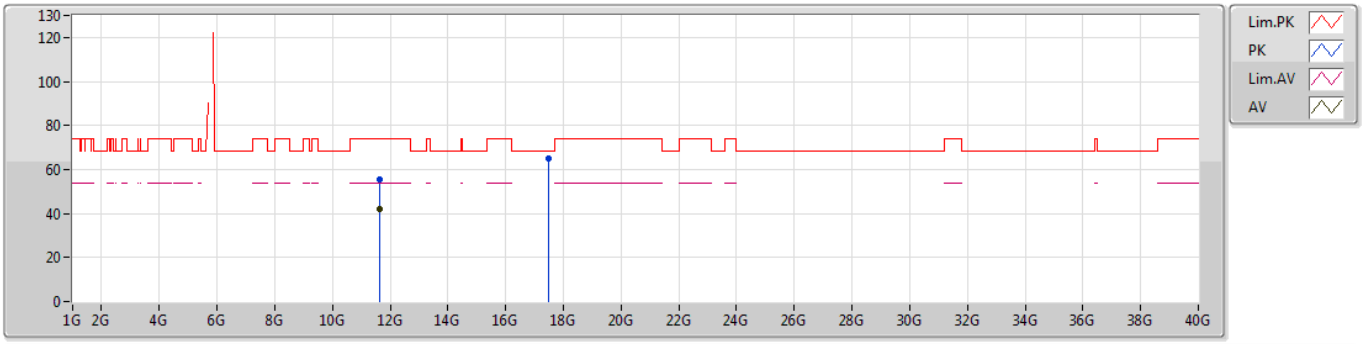
EUT Y_4TX
Setting 72
02-C-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.608G	59.15	68.20	-9.05	8.65	3	Horizontal	344	2.33	-
PK	5.83G	113.07	Inf	-Inf	8.88	3	Horizontal	344	2.33	-
AV	5.829G	103.72	Inf	-Inf	8.88	3	Horizontal	344	2.33	-
PK	5.93G	58.77	68.20	-9.43	8.86	3	Horizontal	344	2.33	-

802.11a_Nss1,(6Mbps)_4TX

27/05/2019

5825MHz_TX



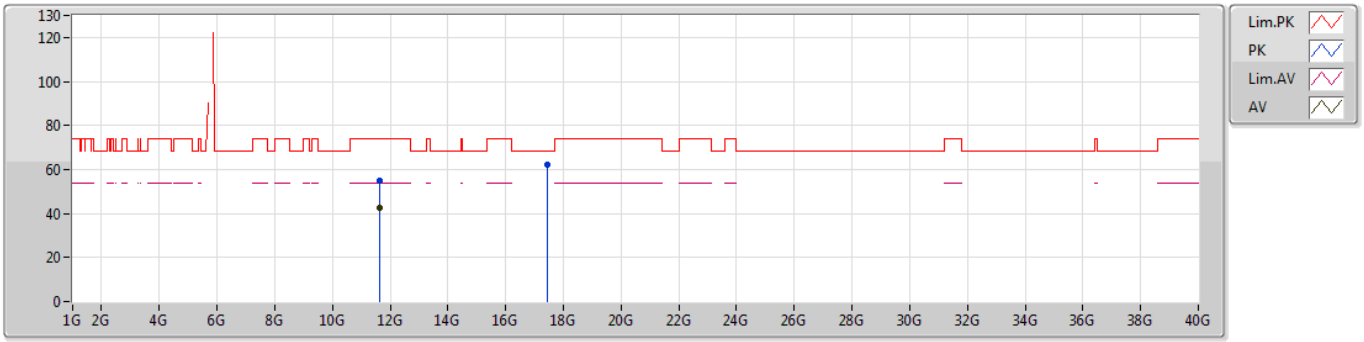
EUT Y_4TX
Setting 72
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.6507G	55.36	74.00	-18.64	15.16	3	Vertical	320	1.14	-
AV	11.6517G	42.25	54.00	-11.75	15.17	3	Vertical	320	1.14	-
PK	17.474G	65.03	68.20	-3.17	22.17	3	Vertical	70	1.90	-

802.11a_Nss1,(6Mbps)_4TX

27/05/2019

5825MHz_TX



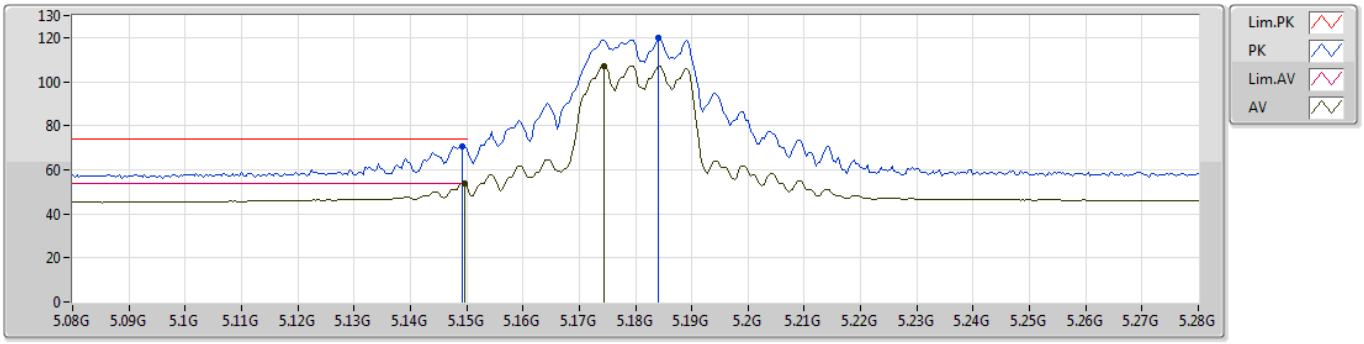
EUT Y_4TX
Setting 72
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.6503G	54.85	74.00	-19.15	15.16	3	Horizontal	187	1.57	-
AV	11.65G	42.43	54.00	-11.57	15.15	3	Horizontal	187	1.57	-
PK	17.4646G	62.33	68.20	-5.87	22.12	3	Horizontal	114	2.82	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

27/05/2019



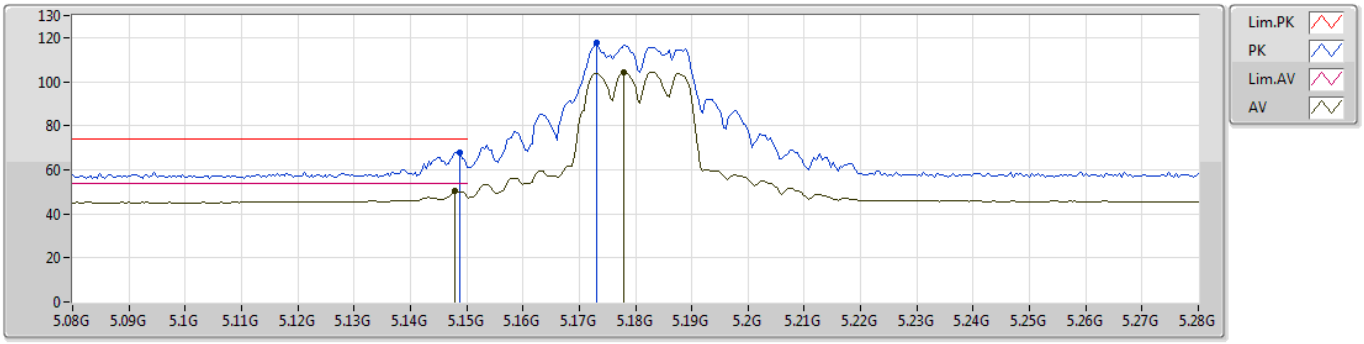
EUT Y_4TX
Setting 76
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1492G	70.75	74.00	-3.25	8.04	3	Vertical	156	1.66	-
AV	5.1496G	53.94	54.00	-0.06	8.04	3	Vertical	156	1.66	-
PK	5.184G	119.64	Inf	-Inf	8.13	3	Vertical	156	1.66	-
AV	5.1744G	107.23	Inf	-Inf	8.10	3	Vertical	156	1.66	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

27/05/2019



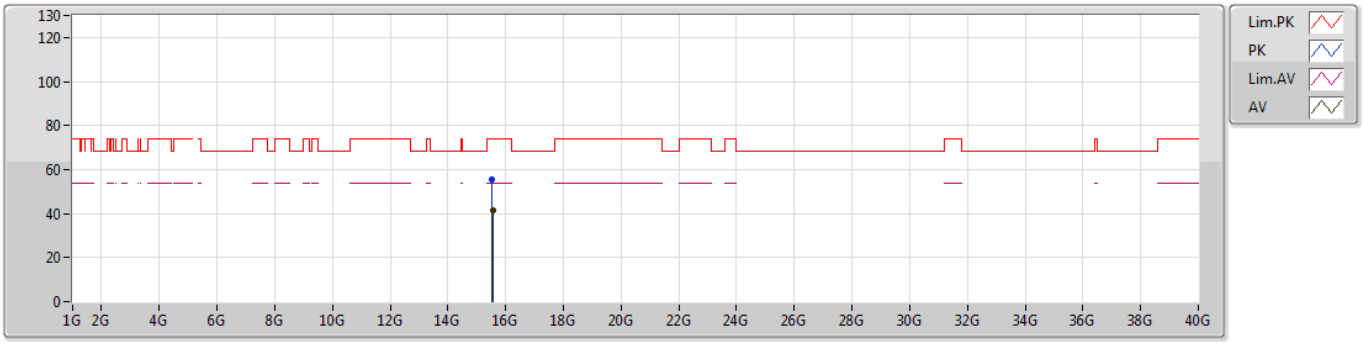
EUT Y_4TX
Setting 76
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1488G	68.08	74.00	-5.92	8.04	3	Horizontal	230	2.70	-
AV	5.148G	50.33	54.00	-3.67	8.04	3	Horizontal	230	2.70	-
PK	5.1732G	117.77	Inf	-Inf	8.10	3	Horizontal	230	2.70	-
AV	5.178G	104.28	Inf	-Inf	8.12	3	Horizontal	230	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5180MHz_TX



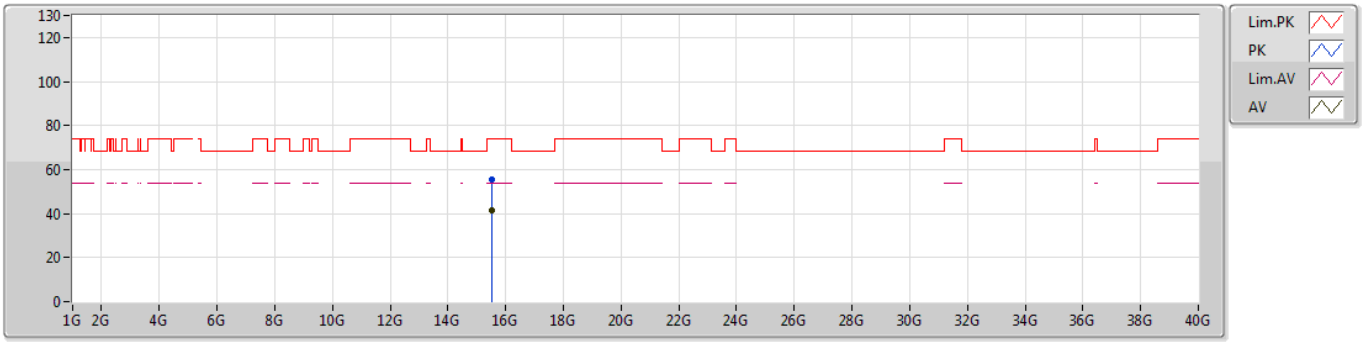
EUT Y_4TX
Setting 76
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.54208G	55.57	74.00	-18.43	16.12	3	Vertical	112	2.32	-
AV	15.54544G	41.31	54.00	-12.69	16.11	3	Vertical	112	2.32	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5180MHz_TX



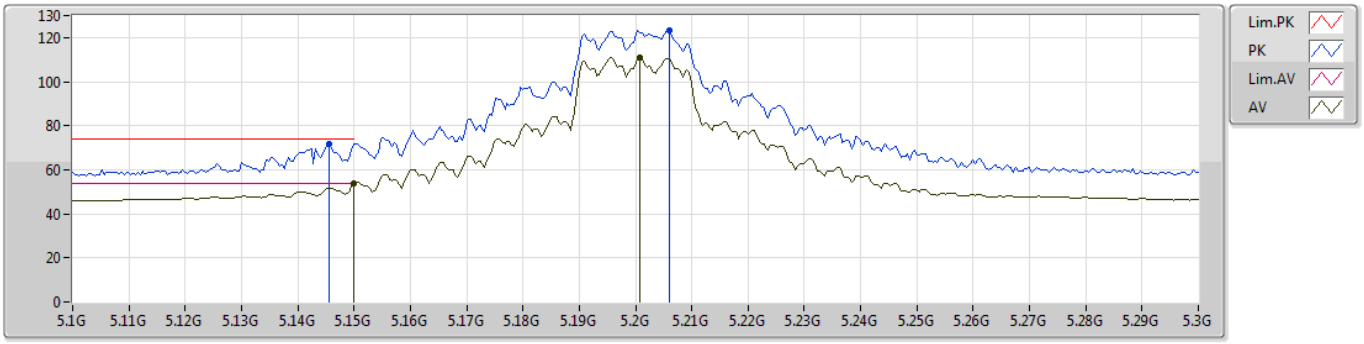
EUT Y_4TX
Setting 76
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5412G	55.26	74.00	-18.74	16.12	3	Horizontal	339	1.41	-
AV	15.53416G	41.24	54.00	-12.76	16.14	3	Horizontal	339	1.41	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

27/05/2019



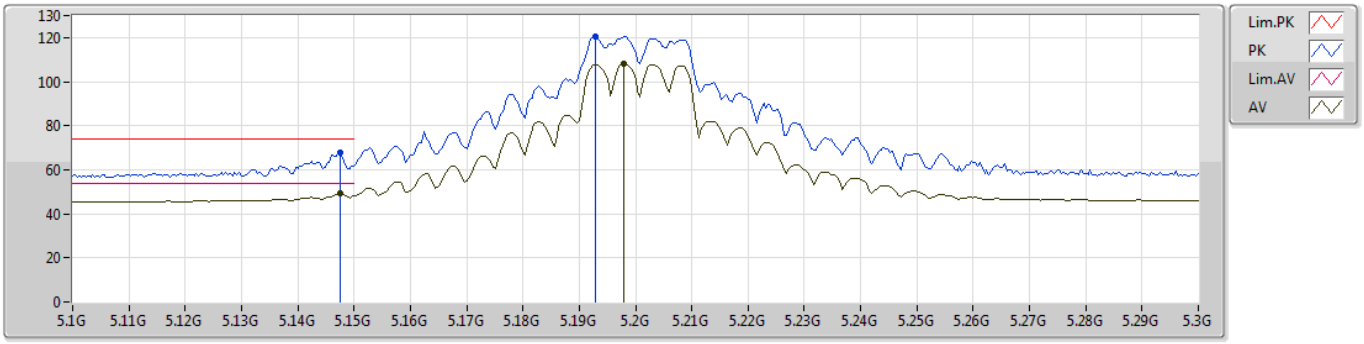
EUT Y_4TX
Setting 95
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1456G	71.71	74.00	-2.29	8.04	3	Vertical	324	1.50	-
AV	5.15G	53.93	54.00	-0.07	8.04	3	Vertical	324	1.50	-
PK	5.206G	123.51	Inf	-Inf	8.17	3	Vertical	324	1.50	-
AV	5.2008G	110.82	Inf	-Inf	8.16	3	Vertical	324	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5200MHz_TX



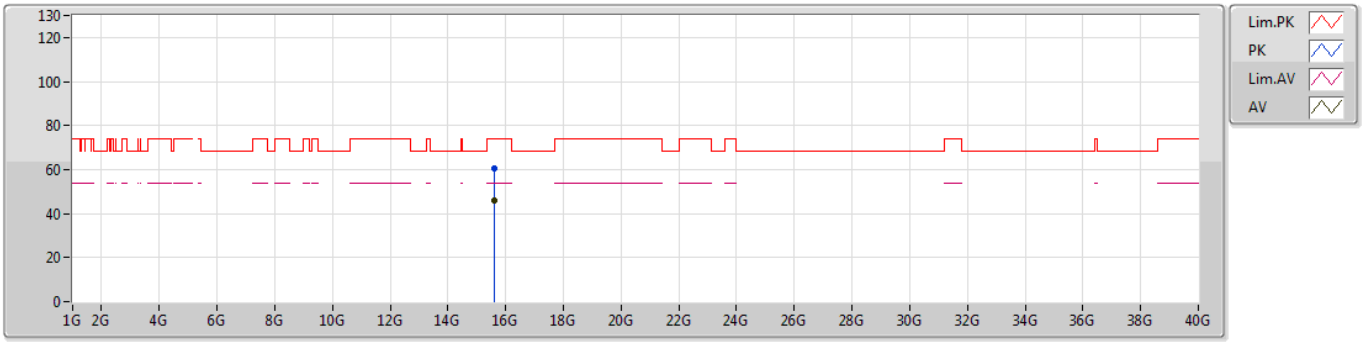
EUT Y_4TX
Setting 95
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1476G	67.59	74.00	-6.41	8.04	3	Horizontal	230	2.68	-
AV	5.1476G	49.08	54.00	-4.92	8.04	3	Horizontal	230	2.68	-
PK	5.1928G	120.69	Inf	-Inf	8.14	3	Horizontal	230	2.68	-
AV	5.198G	108.06	Inf	-Inf	8.16	3	Horizontal	230	2.68	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5200MHz_TX



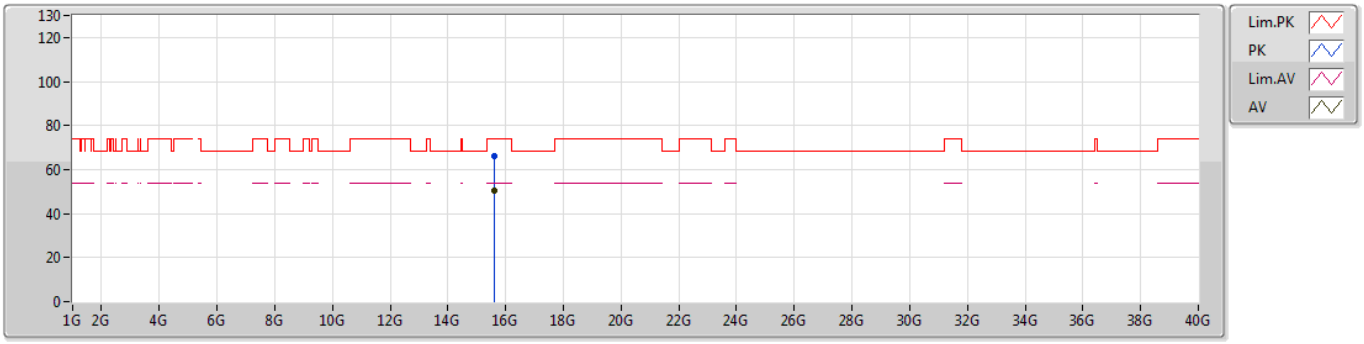
EUT Y_4TX
Setting 95
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6037G	60.68	74.00	-13.32	15.96	3	Vertical	250	1.50	-
AV	15.6041G	45.89	54.00	-8.11	15.96	3	Vertical	250	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5200MHz_TX



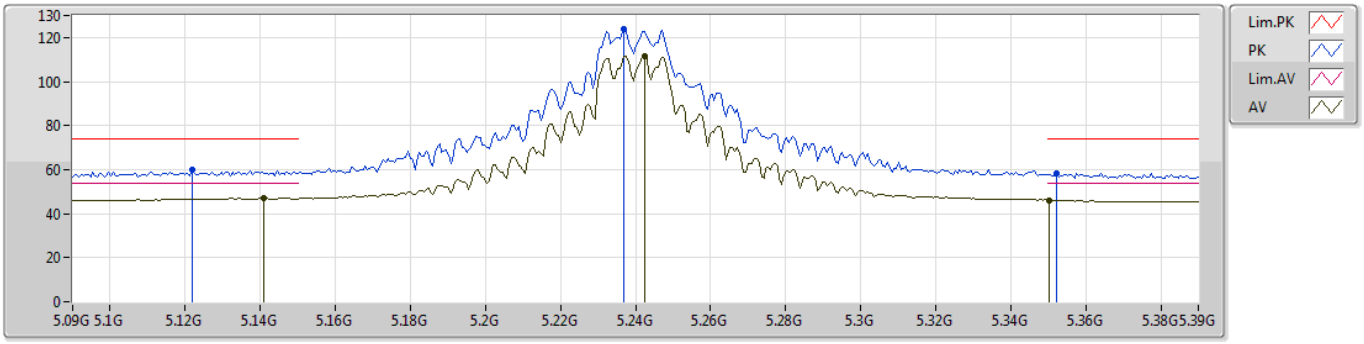
EUT Y_4TX
Setting 95
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6005G	66.34	74.00	-7.66	15.97	3	Horizontal	304	2.99	-
AV	15.5999G	50.27	54.00	-3.73	15.97	3	Horizontal	304	2.99	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5240MHz_TX



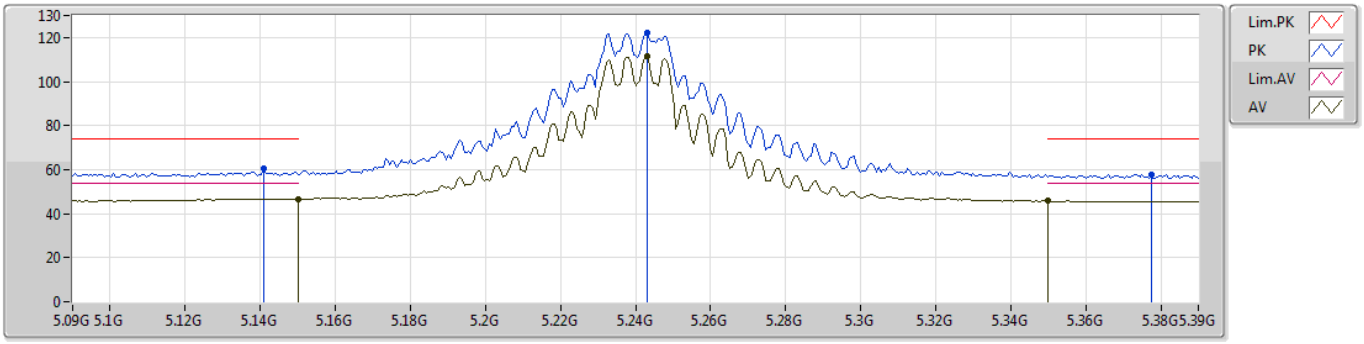
EUT Y_4TX
Setting 97
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1218G	59.75	74.00	-14.25	7.98	3	Vertical	94	1.50	-
AV	5.141G	46.96	54.00	-7.04	8.04	3	Vertical	94	1.50	-
PK	5.237G	123.82	Inf	-Inf	8.21	3	Vertical	94	1.50	-
AV	5.2424G	111.68	Inf	-Inf	8.22	3	Vertical	94	1.50	-
PK	5.3522G	58.31	74.00	-15.69	8.38	3	Vertical	94	1.50	-
AV	5.3504G	46.13	54.00	-7.87	8.38	3	Vertical	94	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

27/05/2019



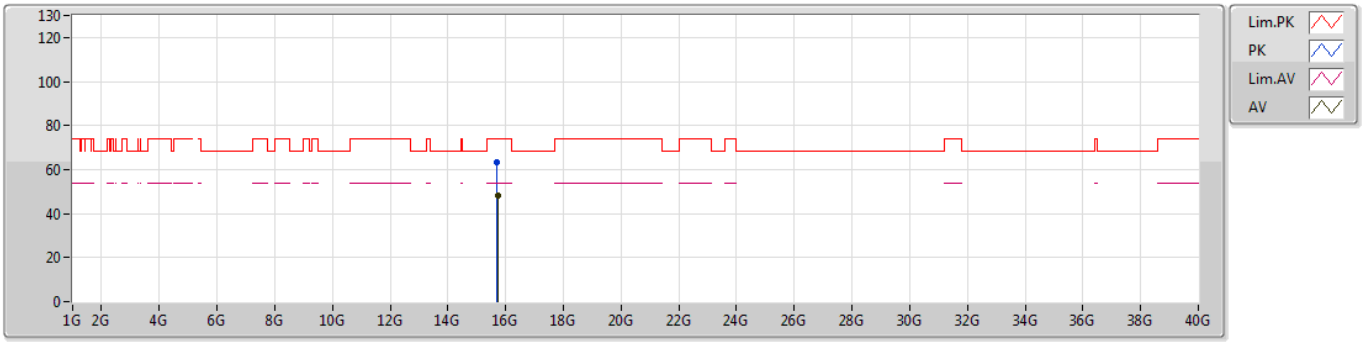
EUT Y_4TX
Setting 97
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.141G	60.45	74.00	-13.55	8.04	3	Horizontal	34	2.76	-
AV	5.15G	46.77	54.00	-7.23	8.04	3	Horizontal	34	2.76	-
PK	5.243G	121.94	Inf	-Inf	8.22	3	Horizontal	34	2.76	-
AV	5.243G	111.44	Inf	-Inf	8.22	3	Horizontal	34	2.76	-
PK	5.3774G	57.85	74.00	-16.15	8.42	3	Horizontal	34	2.76	-
AV	5.35G	45.78	54.00	-8.22	8.38	3	Horizontal	34	2.76	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

27/05/2019



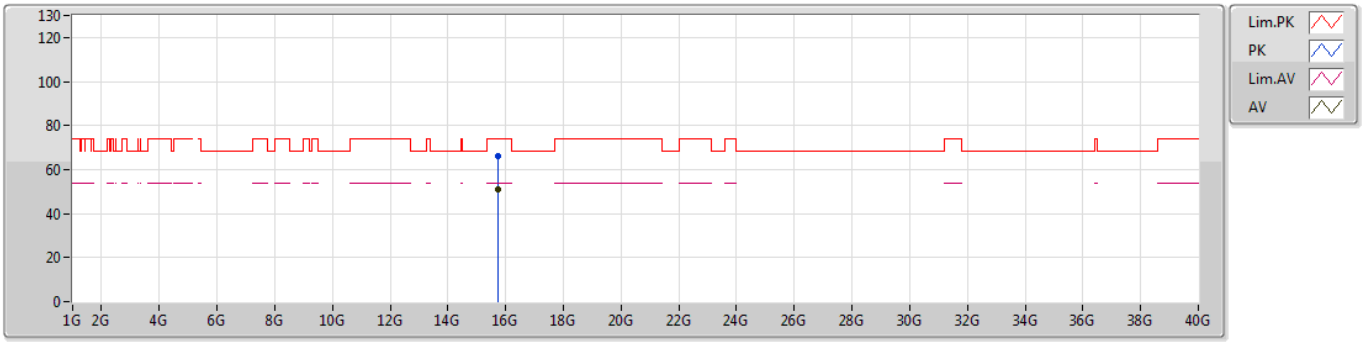
EUT Y_4TX
Setting 97
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.71106G	63.39	74.00	-10.61	15.69	3	Vertical	287	1.78	-
AV	15.72072G	48.43	54.00	-5.57	15.67	3	Vertical	287	1.78	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

27/05/2019



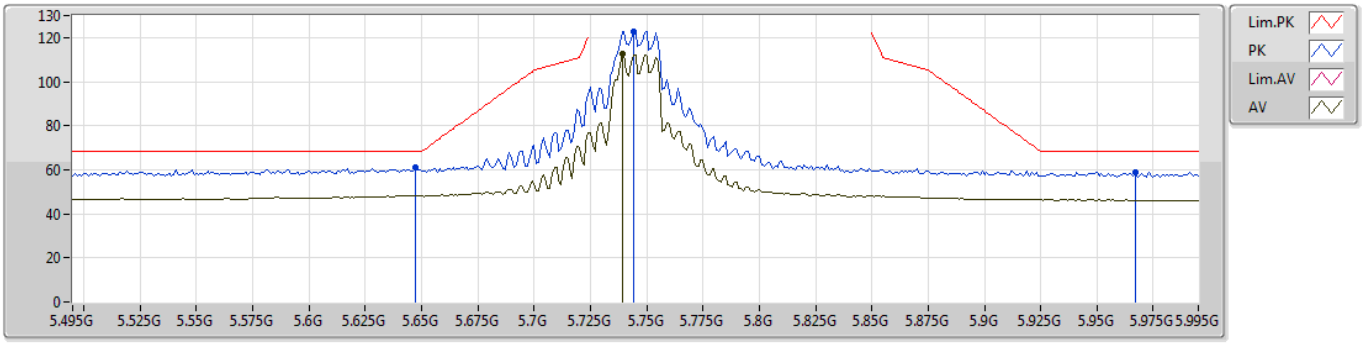
EUT Y_4TX
Setting 97
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.7204G	65.93	74.00	-8.07	15.67	3	Horizontal	306	1.50	-
AV	15.7202G	50.96	54.00	-3.04	15.67	3	Horizontal	306	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5745MHz_TX



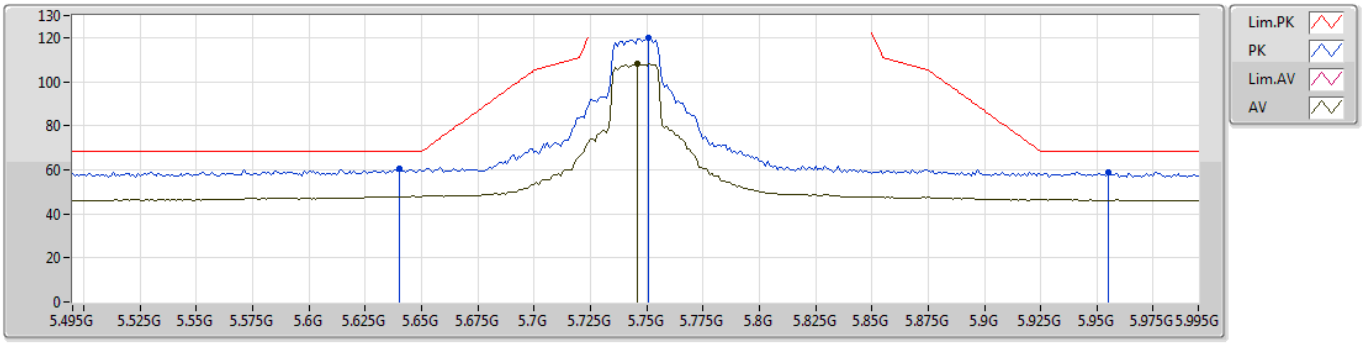
EUT Y_4TX
Setting 90
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.647G	61.15	68.20	-7.05	8.71	3	Vertical	230	2.06	-
PK	5.744G	122.89	Inf	-Inf	8.82	3	Vertical	230	2.06	-
AV	5.739G	112.39	Inf	-Inf	8.81	3	Vertical	230	2.06	-
PK	5.967G	59.11	68.20	-9.09	8.84	3	Vertical	230	2.06	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5745MHz_TX



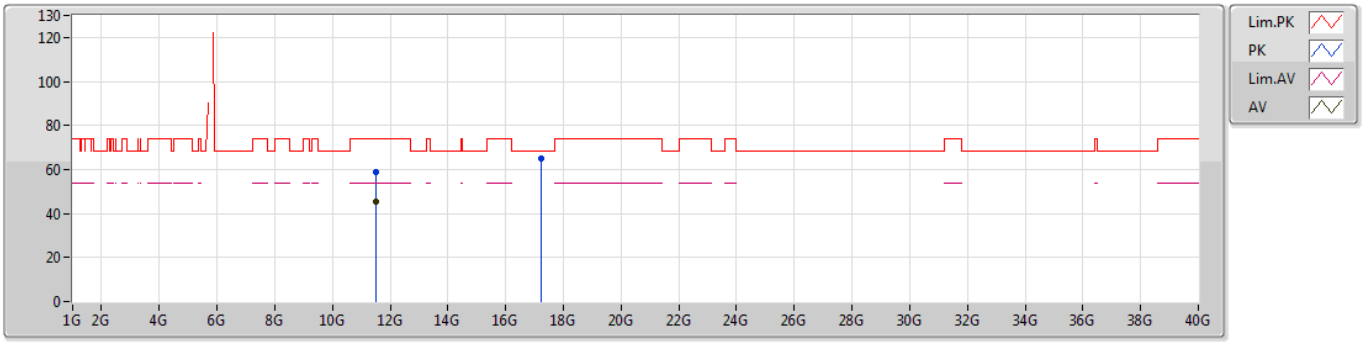
EUT Y_4TX
Setting 90
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.64G	60.39	68.20	-7.81	8.70	3	Horizontal	306	1.52	-
PK	5.751G	119.91	Inf	-Inf	8.83	3	Horizontal	306	1.52	-
AV	5.746G	108.29	Inf	-Inf	8.82	3	Horizontal	306	1.52	-
PK	5.955G	58.89	68.20	-9.31	8.84	3	Horizontal	306	1.52	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5745MHz_TX



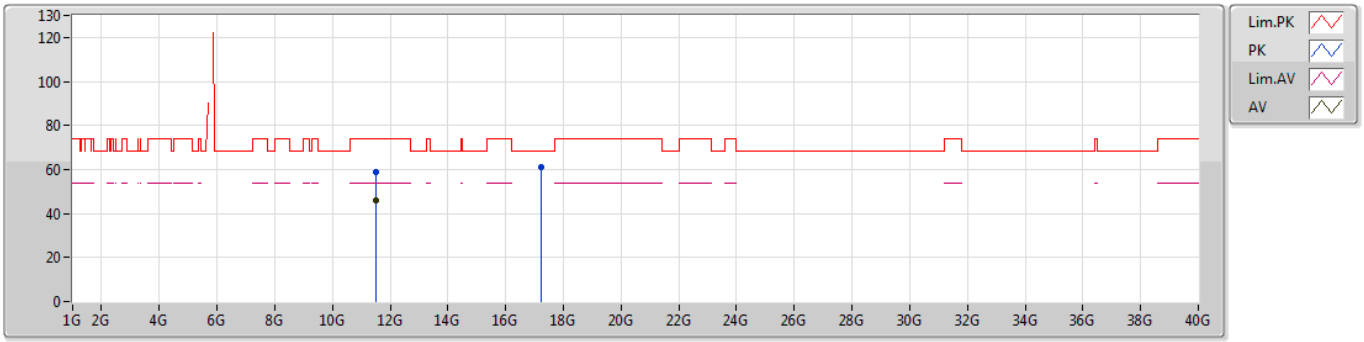
EUT Y_4TX
Setting 90
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.48784G	58.90	74.00	-15.10	14.94	3	Vertical	173	2.02	-
AV	11.4928G	45.46	54.00	-8.54	14.94	3	Vertical	173	2.02	-
PK	17.238G	65.11	68.20	-3.09	20.76	3	Vertical	19	2.58	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5745MHz_TX



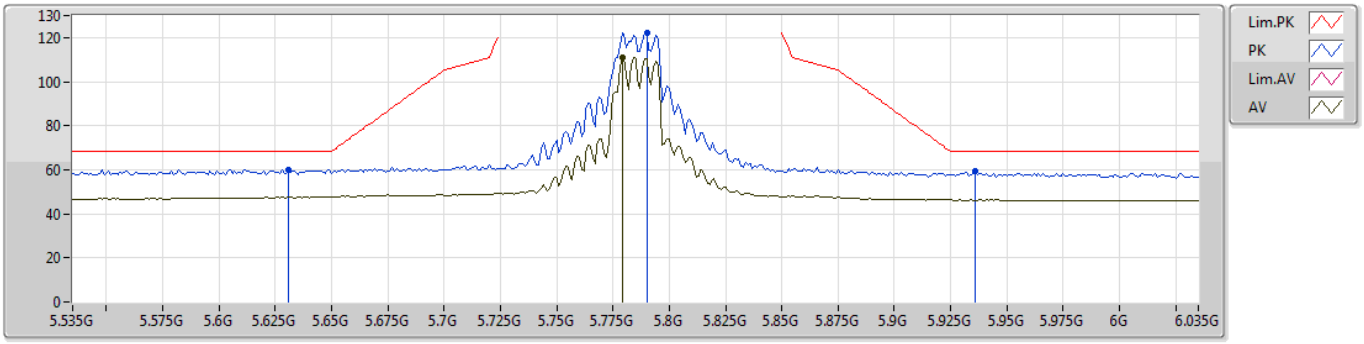
EUT Y_4TX
Setting 90
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.48992G	59.02	74.00	-14.98	14.94	3	Horizontal	4	2.50	-
AV	11.48992G	46.06	54.00	-7.94	14.94	3	Horizontal	4	2.50	-
PK	17.23568G	60.96	68.20	-7.24	20.74	3	Horizontal	222	2.16	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5785MHz_TX



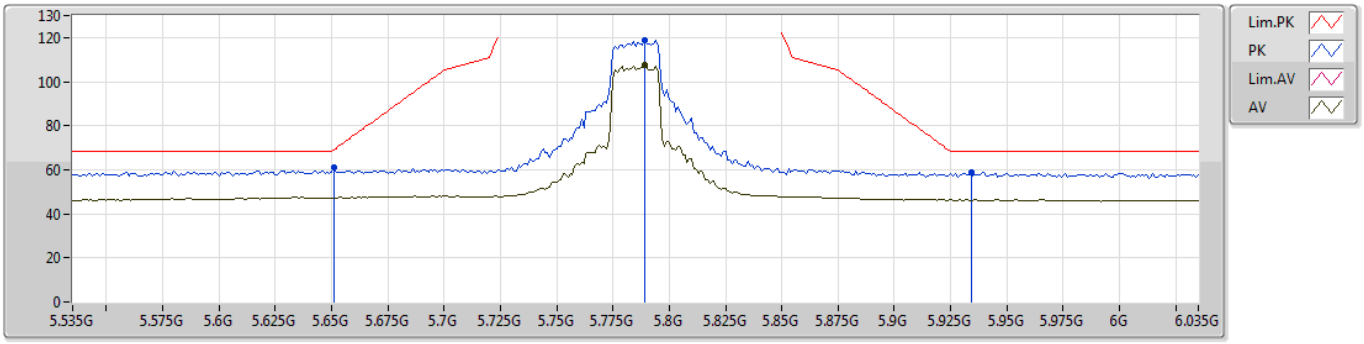
EUT Y_4TX
Setting 84
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.631G	60.18	68.20	-8.02	8.68	3	Vertical	274	2.12	-
PK	5.79G	122.28	Inf	-Inf	8.87	3	Vertical	274	2.12	-
AV	5.779G	111.13	Inf	-Inf	8.86	3	Vertical	274	2.12	-
PK	5.936G	59.64	68.20	-8.56	8.86	3	Vertical	274	2.12	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5785MHz_TX



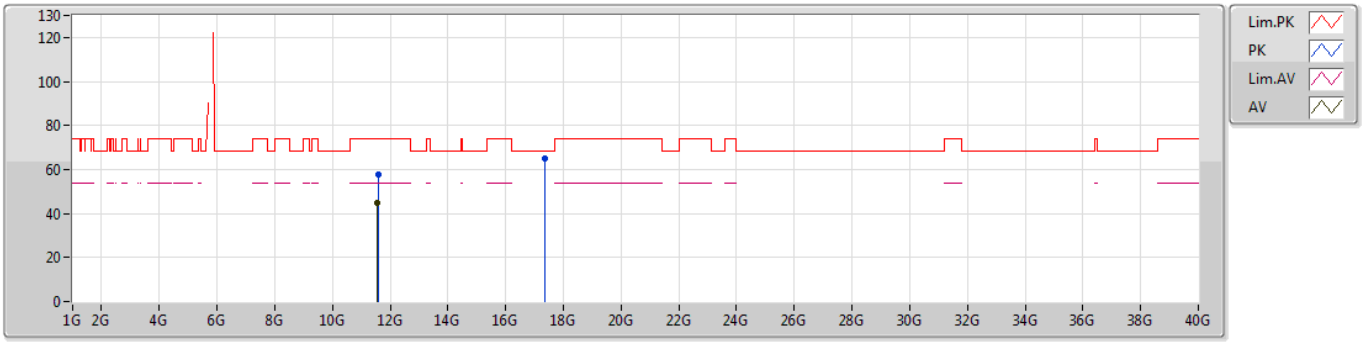
EUT Y_4TX
Setting 84
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.651G	61.14	68.94	-7.80	8.70	3	Horizontal	2	1.49	-
PK	5.789G	118.82	Inf	-Inf	8.87	3	Horizontal	2	1.49	-
AV	5.789G	107.69	Inf	-Inf	8.87	3	Horizontal	2	1.49	-
PK	5.934G	59.02	68.20	-9.18	8.86	3	Horizontal	2	1.49	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5785MHz_TX



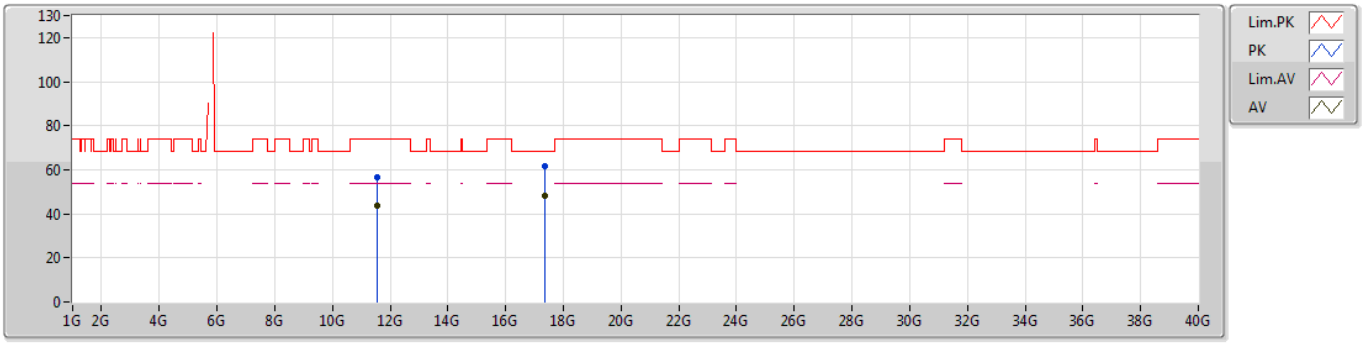
EUT Y_4TX
Setting 84
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5724G	57.65	74.00	-16.35	15.06	3	Vertical	85	1.98	-
AV	11.56728G	44.78	54.00	-9.22	15.05	3	Vertical	85	1.98	-
PK	17.34896G	64.99	68.20	-3.21	21.42	3	Vertical	329	2.00	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/05/2019

5785MHz_TX



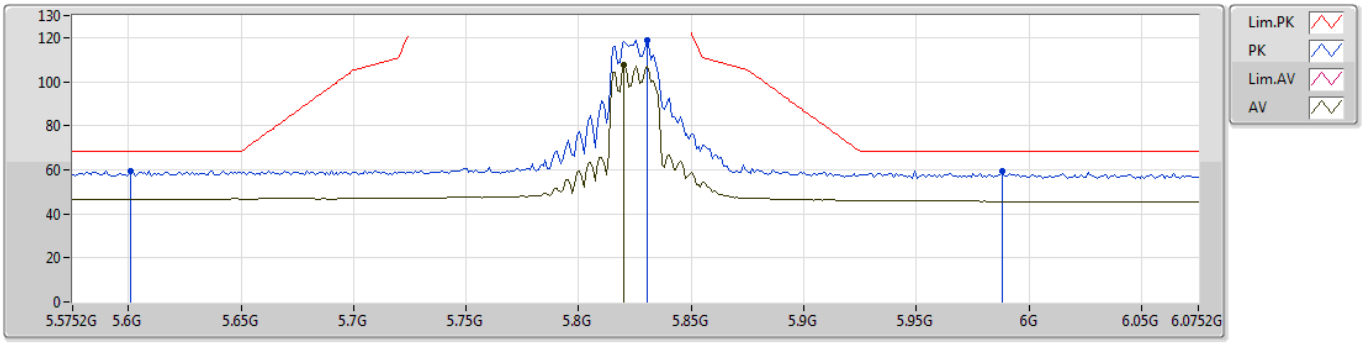
EUT Y_4TX
Setting 84
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5666G	56.41	74.00	-17.59	15.05	3	Horizontal	315	2.00	-
AV	11.56728G	43.53	54.00	-10.47	15.05	3	Horizontal	315	2.00	-
PK	17.35748G	61.50	68.20	-6.70	21.47	3	Horizontal	146	2.80	-
AV	17.35976G	48.10	Inf	-Inf	21.48	3	Horizontal	146	2.80	-

802.11ax HEW20_Nss1,(MCS0)_4TX

28/05/2019

5825MHz_TX



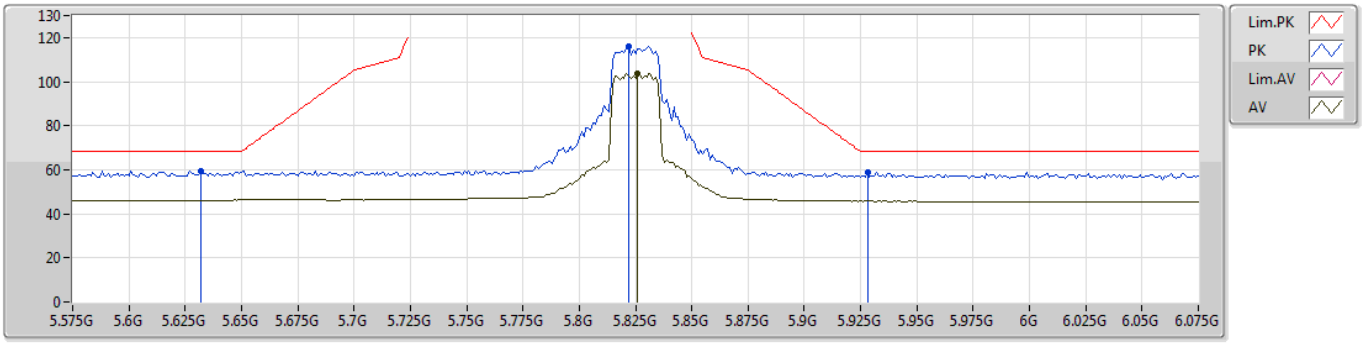
EUT Y_4TX
Setting 77
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6012G	59.61	68.20	-8.59	8.58	3	Vertical	312	1.50	-
PK	5.8302G	118.98	Inf	-Inf	8.91	3	Vertical	312	1.50	-
AV	5.8202G	107.74	Inf	-Inf	8.90	3	Vertical	312	1.50	-
PK	5.9882G	59.41	68.20	-8.79	8.93	3	Vertical	312	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

28/05/2019

5825MHz_TX



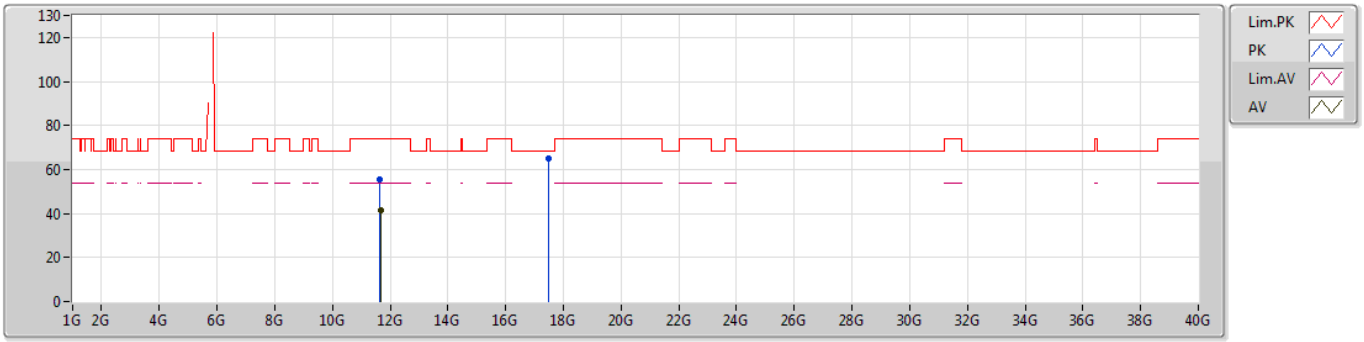
EUT Y_4TX
Setting 77
02-J-5-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.632G	59.67	68.20	-8.53	8.63	3	Horizontal	12	1.93	-
PK	5.822G	116.00	Inf	-Inf	8.90	3	Horizontal	12	1.93	-
AV	5.826G	103.81	Inf	-Inf	8.91	3	Horizontal	12	1.93	-
PK	5.928G	59.02	68.20	-9.18	8.93	3	Horizontal	12	1.93	-

802.11ax HEW20_Nss1,(MCS0)_4TX

28/05/2019

5825MHz_TX



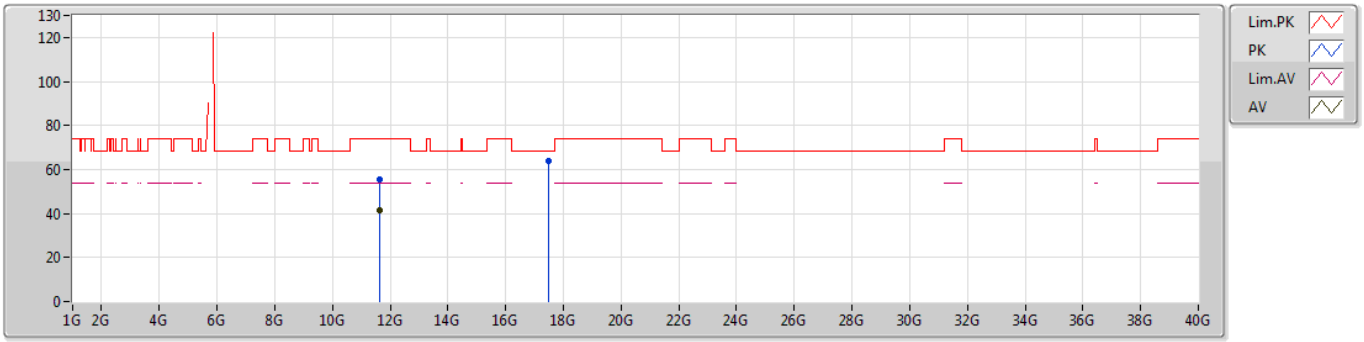
EUT Y_4TX
Setting 77
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.6575G	55.28	74.00	-18.72	15.11	3	Vertical	308	1.14	-
AV	11.658G	41.56	54.00	-12.44	15.10	3	Vertical	308	1.14	-
PK	17.4795G	64.82	68.20	-3.38	22.16	3	Vertical	83	2.76	-

802.11ax HEW20_Nss1,(MCS0)_4TX

28/05/2019

5825MHz_TX



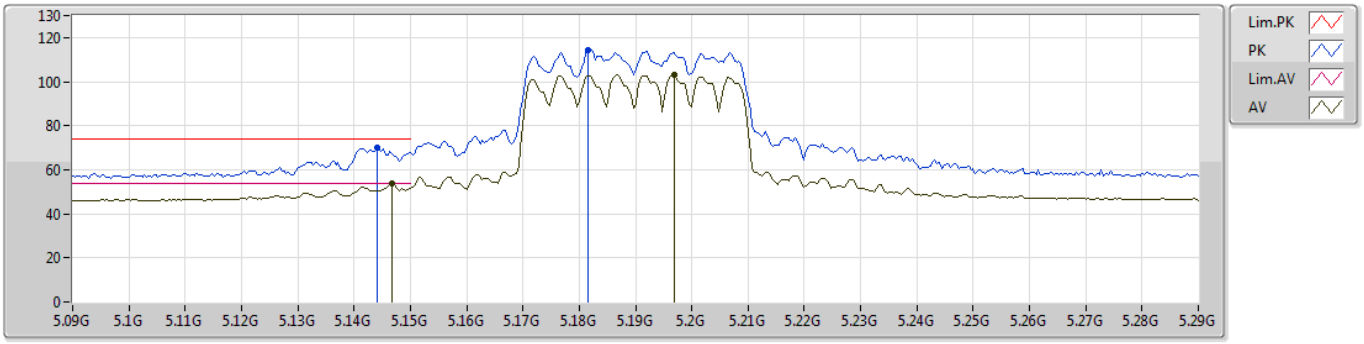
EUT Y_4TX
Setting 77
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.65276G	55.52	74.00	-18.48	15.10	3	Horizontal	157	1.08	-
AV	11.65264G	41.47	54.00	-12.53	15.10	3	Horizontal	157	1.08	-
PK	17.4796G	64.07	68.20	-4.13	22.16	3	Horizontal	89	2.66	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5190MHz_TX



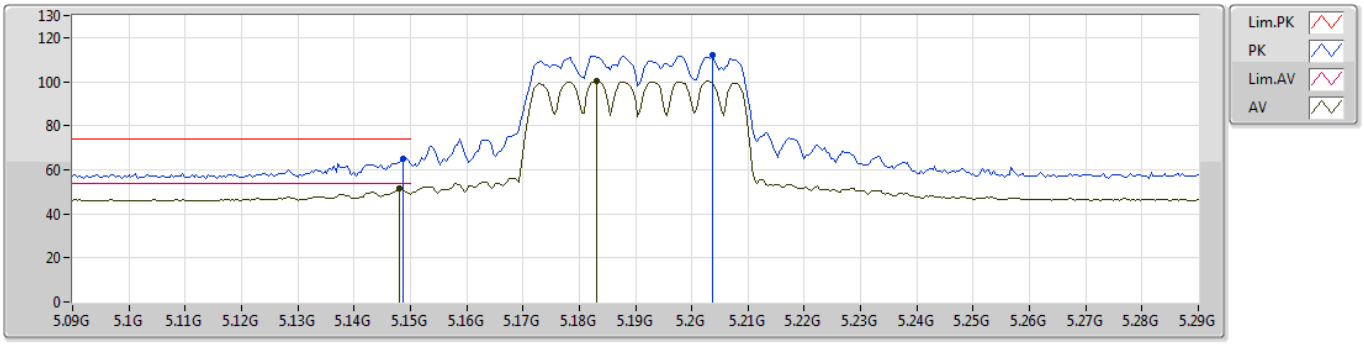
EUT Y_4TX
Setting 69
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.144G	69.86	74.00	-4.14	8.04	3	Vertical	341	1.67	-
AV	5.1468G	53.83	54.00	-0.17	8.04	3	Vertical	341	1.67	-
PK	5.1816G	114.32	Inf	-Inf	8.12	3	Vertical	341	1.67	-
AV	5.1968G	103.27	Inf	-Inf	8.16	3	Vertical	341	1.67	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5190MHz_TX



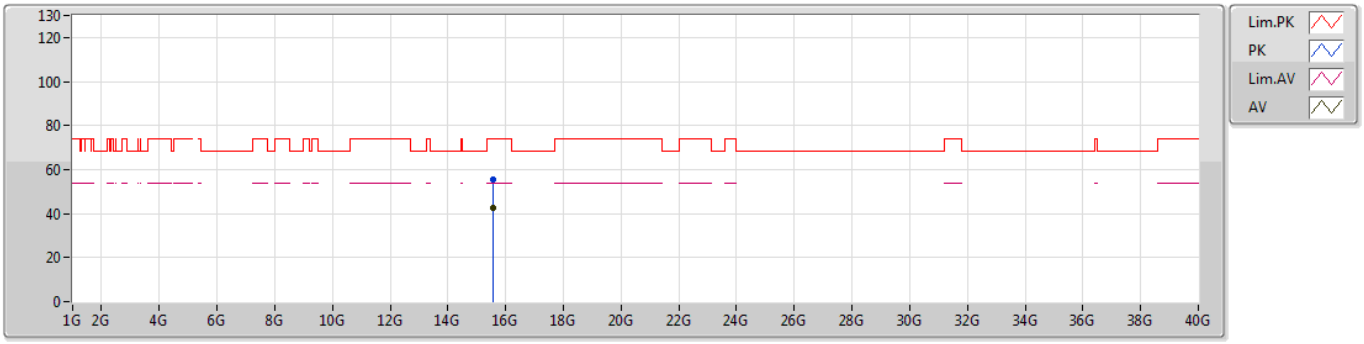
EUT Y_4TX
Setting 69
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1488G	65.20	74.00	-8.80	8.04	3	Horizontal	233	2.92	-
AV	5.148G	51.43	54.00	-2.57	8.04	3	Horizontal	233	2.92	-
PK	5.2036G	111.79	Inf	-Inf	8.16	3	Horizontal	233	2.92	-
AV	5.1832G	100.51	Inf	-Inf	8.12	3	Horizontal	233	2.92	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5190MHz_TX



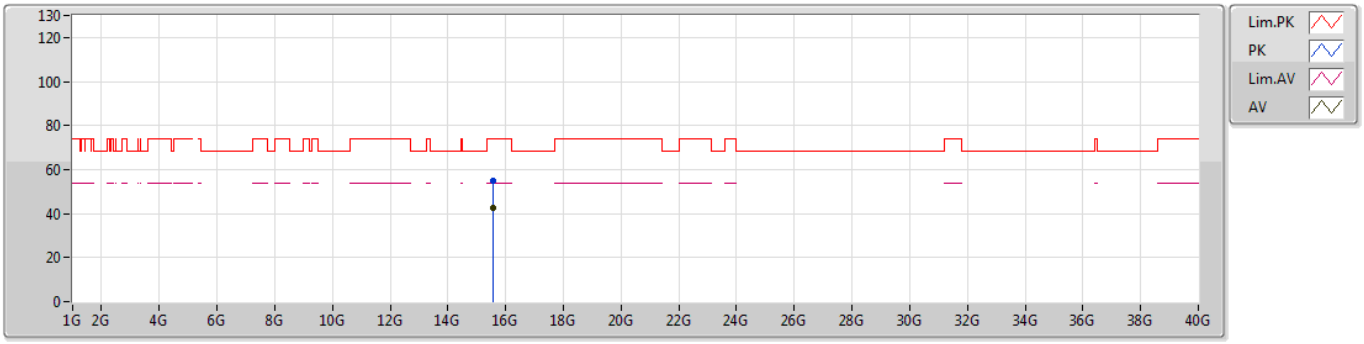
EUT Y_4TX
Setting 69
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5714G	55.47	74.00	-18.53	16.05	3	Vertical	317	2.08	-
AV	15.5606G	42.61	54.00	-11.39	16.07	3	Vertical	317	2.08	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5190MHz_TX



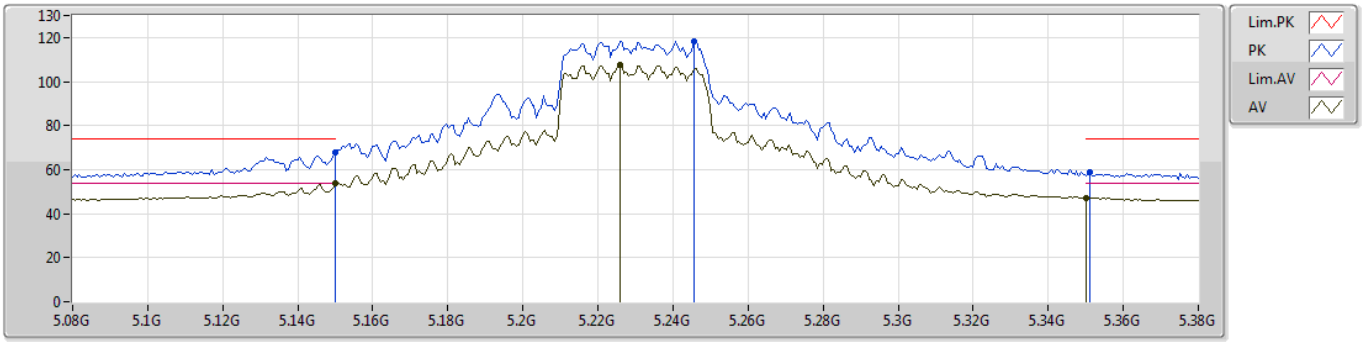
EUT Y_4TX
Setting 69
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.56088G	54.91	74.00	-19.09	16.08	3	Horizontal	361	1.49	-
AV	15.56576G	42.65	54.00	-11.35	16.07	3	Horizontal	361	1.49	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5230MHz_TX



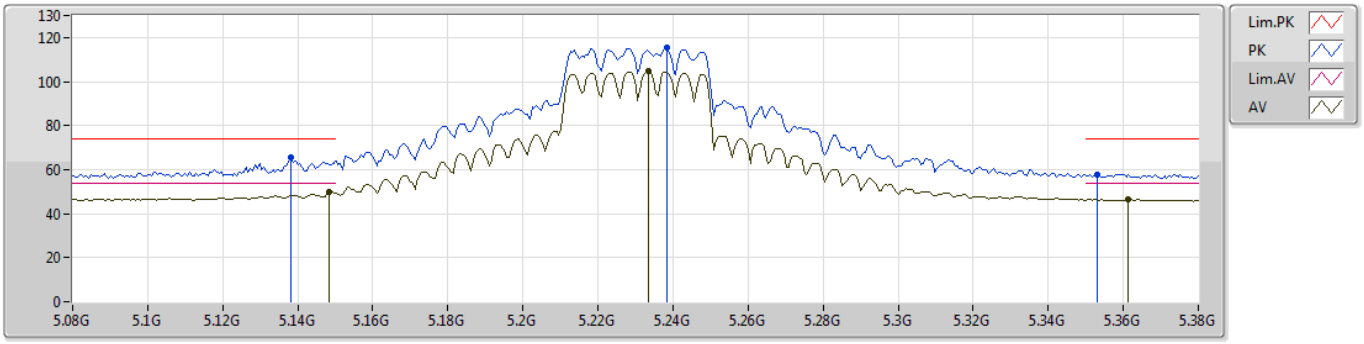
EUT Y_4TX
Setting 87
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.15G	67.97	74.00	-6.03	8.04	3	Vertical	322	1.49	-
AV	5.15G	53.80	54.00	-0.20	8.04	3	Vertical	322	1.49	-
PK	5.2456G	118.49	Inf	-Inf	8.22	3	Vertical	322	1.49	-
AV	5.2258G	107.74	Inf	-Inf	8.20	3	Vertical	322	1.49	-
PK	5.3512G	58.90	74.00	-15.10	8.38	3	Vertical	322	1.49	-
AV	5.35G	47.25	54.00	-6.75	8.38	3	Vertical	322	1.49	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5230MHz_TX



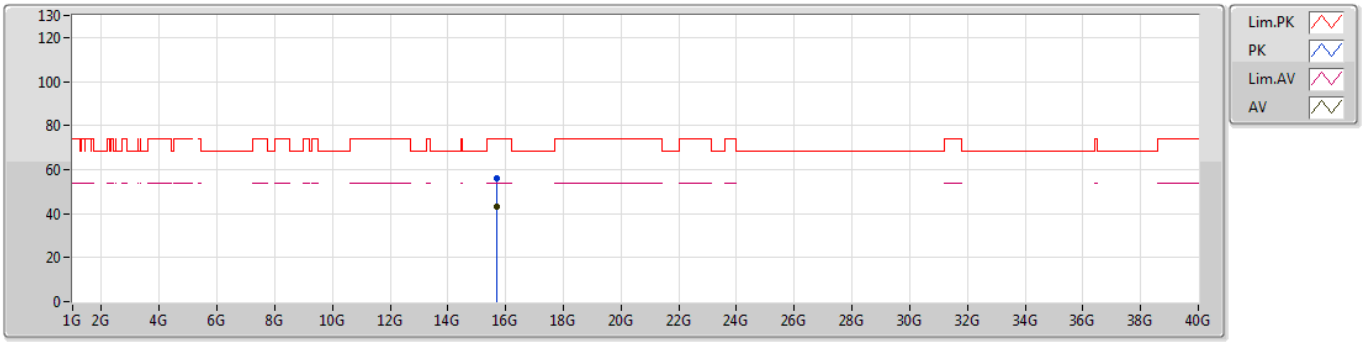
EUT Y_4TX
Setting 87
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1382G	65.71	74.00	-8.29	8.02	3	Horizontal	211	2.90	-
AV	5.1484G	49.90	54.00	-4.10	8.04	3	Horizontal	211	2.90	-
PK	5.2384G	115.53	Inf	-Inf	8.22	3	Horizontal	211	2.90	-
AV	5.2336G	104.71	Inf	-Inf	8.21	3	Horizontal	211	2.90	-
PK	5.353G	57.81	74.00	-16.19	8.38	3	Horizontal	211	2.90	-
AV	5.3614G	46.39	54.00	-7.61	8.39	3	Horizontal	211	2.90	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5230MHz_TX



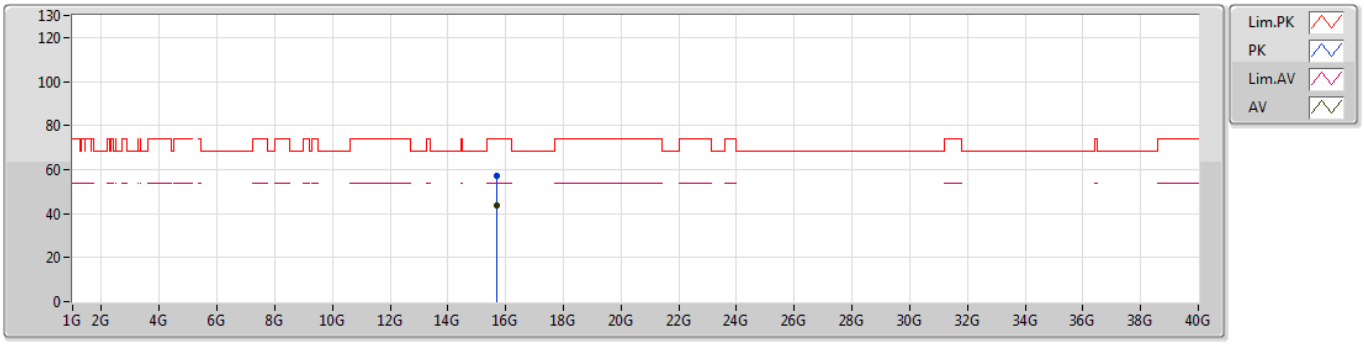
EUT Y_4TX
Setting 87
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.70092G	56.21	74.00	-17.79	15.72	3	Vertical	173	2.78	-
AV	15.6909G	43.32	54.00	-10.68	15.75	3	Vertical	173	2.78	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5230MHz_TX



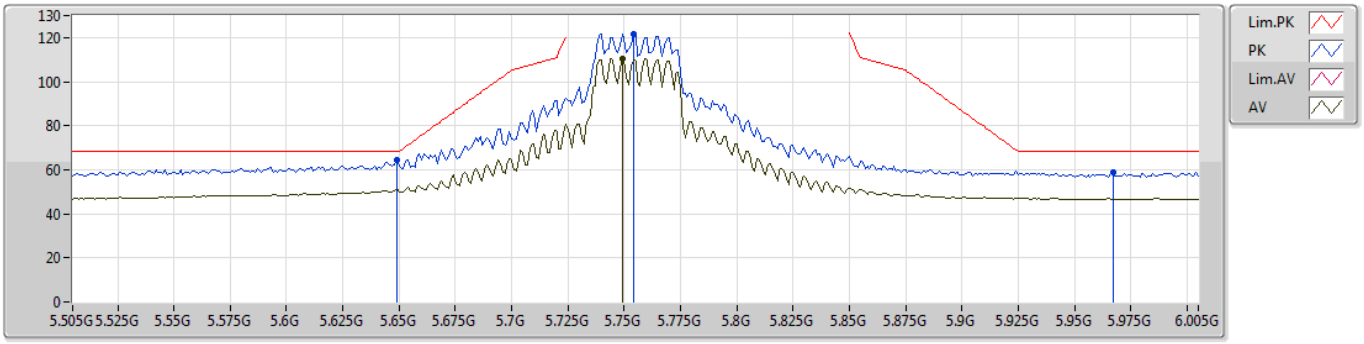
EUT Y_4TX
Setting 87
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.68196G	57.04	74.00	-16.96	15.77	3	Horizontal	307	1.41	-
AV	15.68982G	43.78	54.00	-10.22	15.75	3	Horizontal	307	1.41	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5755MHz_TX



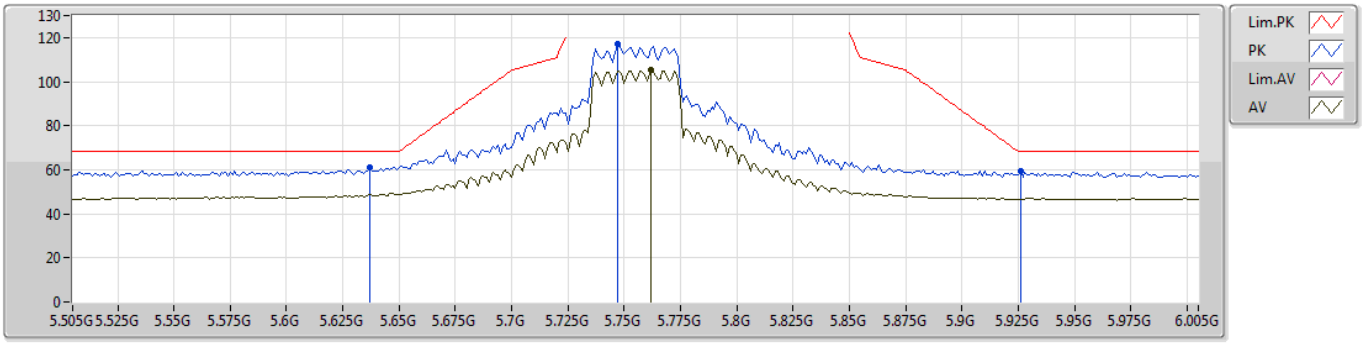
EUT Y_4TX
Setting 92
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.649G	64.23	68.20	-3.97	8.71	3	Vertical	286	2.29	-
PK	5.754G	121.58	Inf	-Inf	8.83	3	Vertical	286	2.29	-
AV	5.749G	110.54	Inf	-Inf	8.82	3	Vertical	286	2.29	-
PK	5.967G	58.95	68.20	-9.25	8.84	3	Vertical	286	2.29	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5755MHz_TX



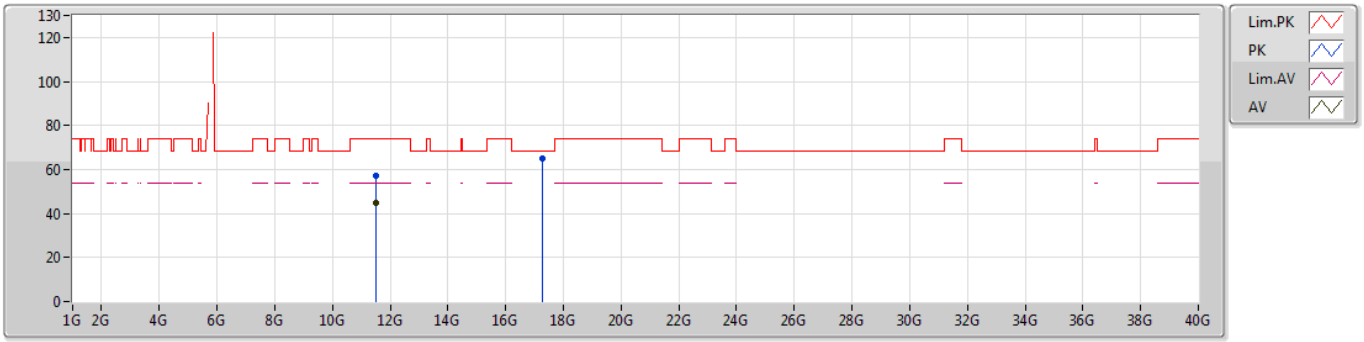
EUT Y_4TX
Setting 92
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.637G	61.34	68.20	-6.86	8.69	3	Horizontal	220	2.08	-
PK	5.747G	117.12	Inf	-Inf	8.82	3	Horizontal	220	2.08	-
AV	5.762G	105.34	Inf	-Inf	8.84	3	Horizontal	220	2.08	-
PK	5.926G	59.18	68.20	-9.02	8.86	3	Horizontal	220	2.08	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5755MHz_TX



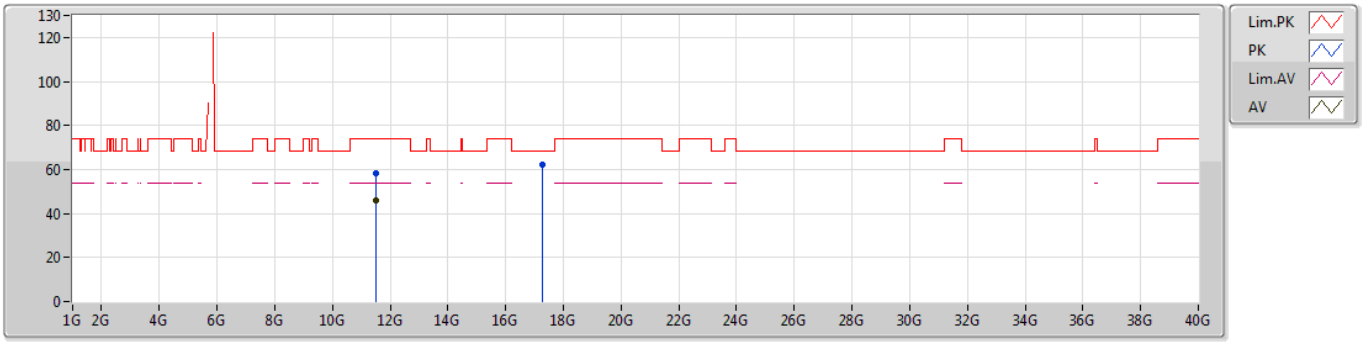
EUT Y_4TX
Setting 92
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.50724G	57.03	74.00	-16.97	14.97	3	Vertical	9	2.02	-
AV	11.50796G	44.87	54.00	-9.13	14.97	3	Vertical	9	2.02	-
PK	17.27886G	64.97	68.20	-3.23	21.00	3	Vertical	288	1.90	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5755MHz_TX



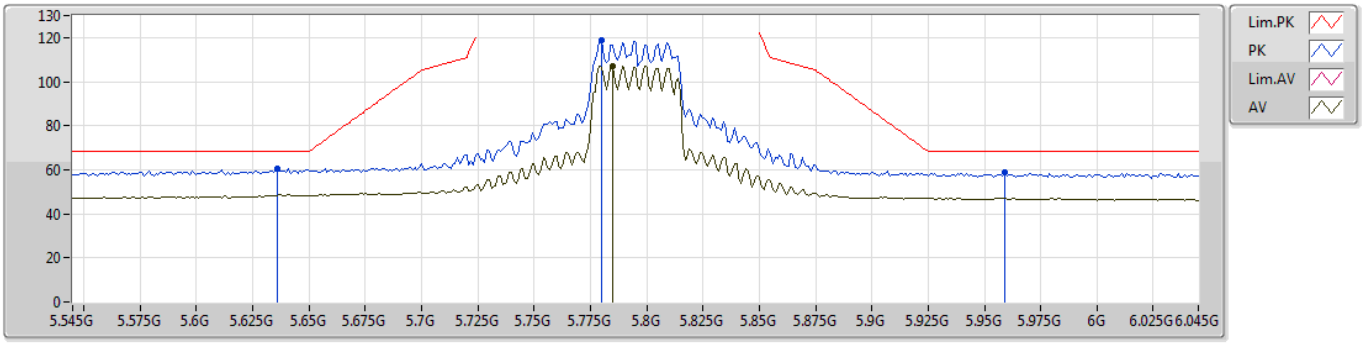
EUT Y_4TX
Setting 92
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.50844G	58.15	74.00	-15.85	14.97	3	Horizontal	304	2.23	-
AV	11.50394G	46.20	54.00	-7.80	14.96	3	Horizontal	304	2.23	-
PK	17.27G	62.16	68.20	-6.04	20.95	3	Horizontal	330	2.87	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5795MHz_TX



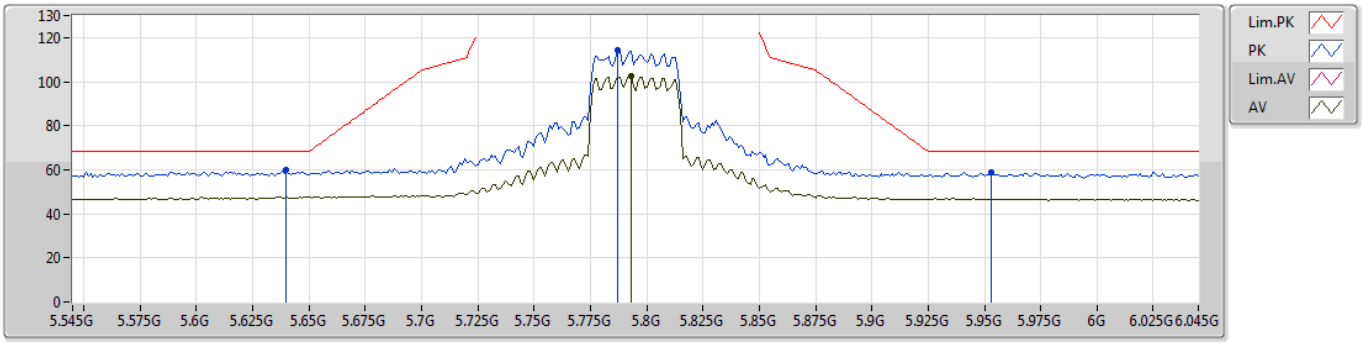
EUT Y_4TX
Setting 81
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.636G	60.42	68.20	-7.78	8.69	3	Vertical	253	2.13	-
PK	5.78G	118.80	Inf	-Inf	8.86	3	Vertical	253	2.13	-
AV	5.785G	106.99	Inf	-Inf	8.87	3	Vertical	253	2.13	-
PK	5.959G	58.69	68.20	-9.51	8.84	3	Vertical	253	2.13	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5795MHz_TX



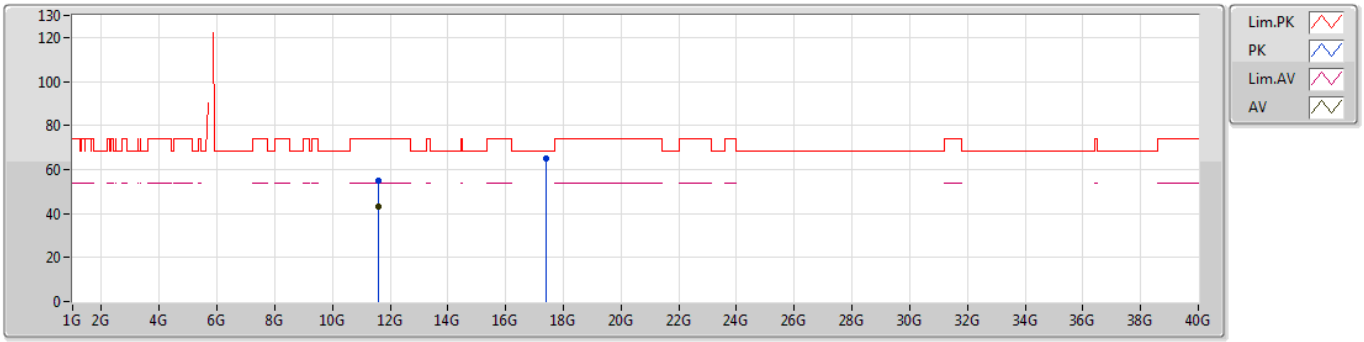
EUT Y_4TX
Setting 81
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.64G	59.77	68.20	-8.43	8.70	3	Horizontal	141	2.00	-
PK	5.787G	114.18	Inf	-Inf	8.87	3	Horizontal	141	2.00	-
AV	5.793G	102.51	Inf	-Inf	8.87	3	Horizontal	141	2.00	-
PK	5.953G	58.90	68.20	-9.30	8.84	3	Horizontal	141	2.00	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5795MHz_TX



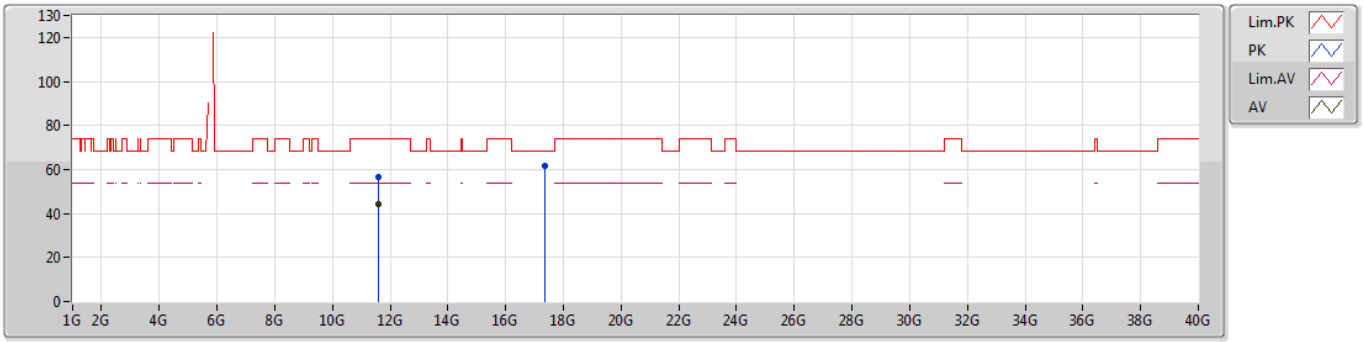
EUT Y_4TX
Setting 81
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.59856G	55.05	74.00	-18.95	15.10	3	Vertical	250	1.58	-
AV	11.58776G	43.05	54.00	-10.95	15.08	3	Vertical	250	1.58	-
PK	17.39904G	65.05	68.20	-3.15	21.72	3	Vertical	76	1.92	-

802.11ax HEW40_Nss1,(MCS0)_4TX

27/05/2019

5795MHz_TX



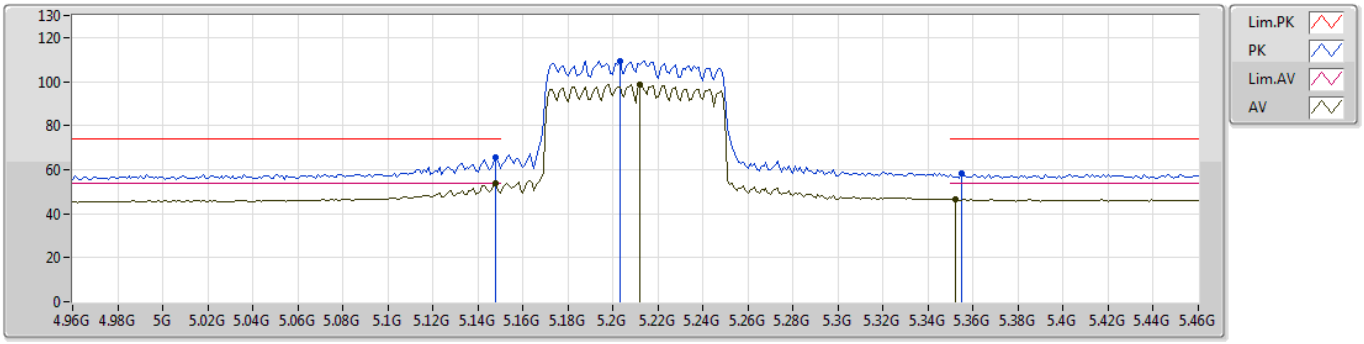
EUT Y_4TX
Setting 81
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.59192G	56.35	74.00	-17.65	15.08	3	Horizontal	96	2.98	-
AV	11.587G	44.04	54.00	-9.96	15.08	3	Horizontal	96	2.98	-
PK	17.37864G	61.75	68.20	-6.45	21.59	3	Horizontal	312	2.89	-

802.11ax HEW80_Nss1,(MCS0)_4TX

27/05/2019

5210MHz_TX



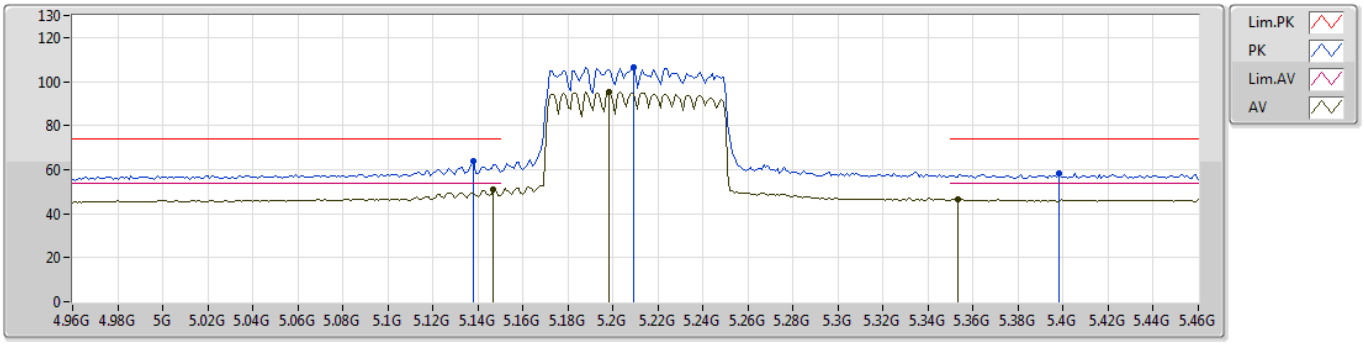
EUT Y_4TX
Setting 61
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.148G	65.79	74.00	-8.21	8.04	3	Vertical	318	1.67	-
AV	5.148G	53.89	54.00	-0.11	8.04	3	Vertical	318	1.67	-
PK	5.203G	109.52	Inf	-Inf	8.16	3	Vertical	318	1.67	-
AV	5.212G	98.62	Inf	-Inf	8.17	3	Vertical	318	1.67	-
PK	5.355G	58.04	74.00	-15.96	8.38	3	Vertical	318	1.67	-
AV	5.352G	46.46	54.00	-7.54	8.38	3	Vertical	318	1.67	-

802.11ax HEW80_Nss1,(MCS0)_4TX

27/05/2019

5210MHz_TX



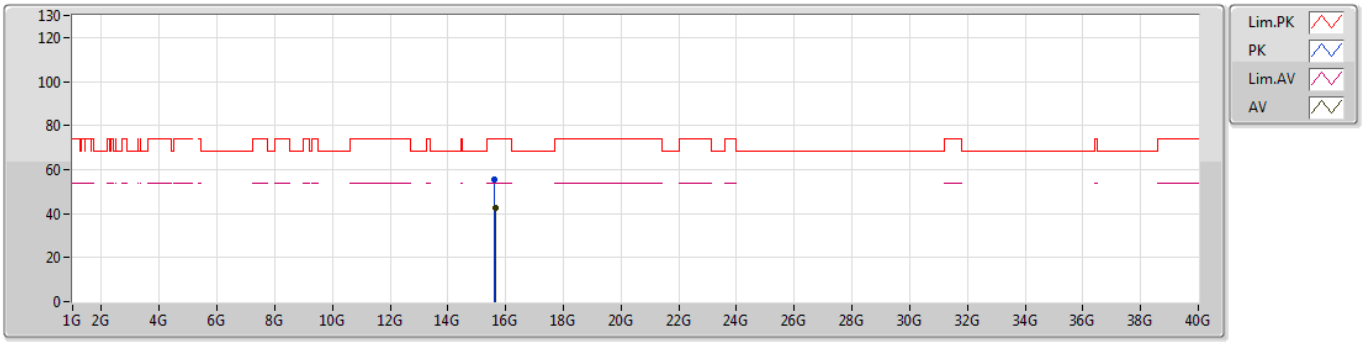
EUT Y_4TX
Setting 61
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.138G	63.82	74.00	-10.18	8.02	3	Horizontal	224	2.55	-
AV	5.147G	51.20	54.00	-2.80	8.04	3	Horizontal	224	2.55	-
PK	5.209G	106.50	Inf	-Inf	8.17	3	Horizontal	224	2.55	-
AV	5.198G	95.26	Inf	-Inf	8.16	3	Horizontal	224	2.55	-
PK	5.398G	58.23	74.00	-15.77	8.44	3	Horizontal	224	2.55	-
AV	5.353G	46.71	54.00	-7.29	8.38	3	Horizontal	224	2.55	-

802.11ax HEW80_Nss1,(MCS0)_4TX

27/05/2019

5210MHz_TX



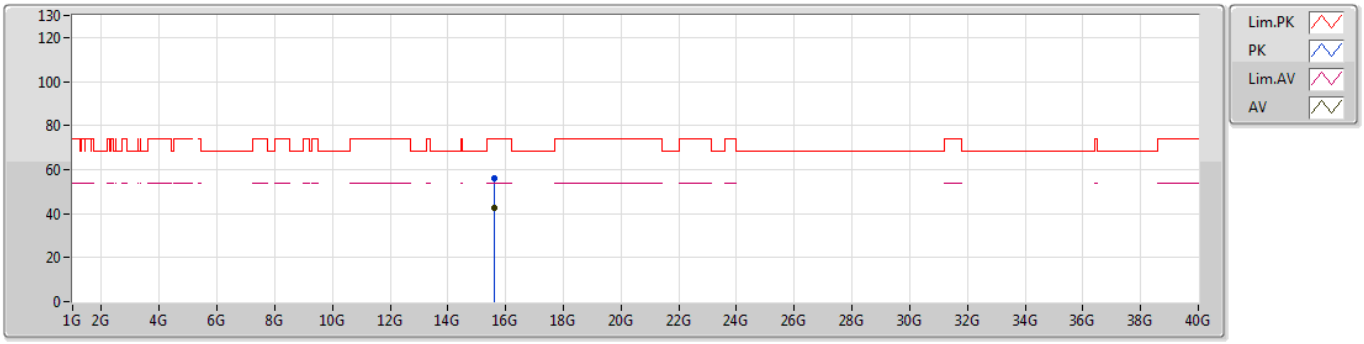
EUT Y_4TX
Setting 61
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6206G	55.48	74.00	-18.52	15.91	3	Vertical	327	1.96	-
AV	15.63152G	42.34	54.00	-11.66	15.89	3	Vertical	327	1.96	-

802.11ax HEW80_Nss1,(MCS0)_4TX

27/05/2019

5210MHz_TX



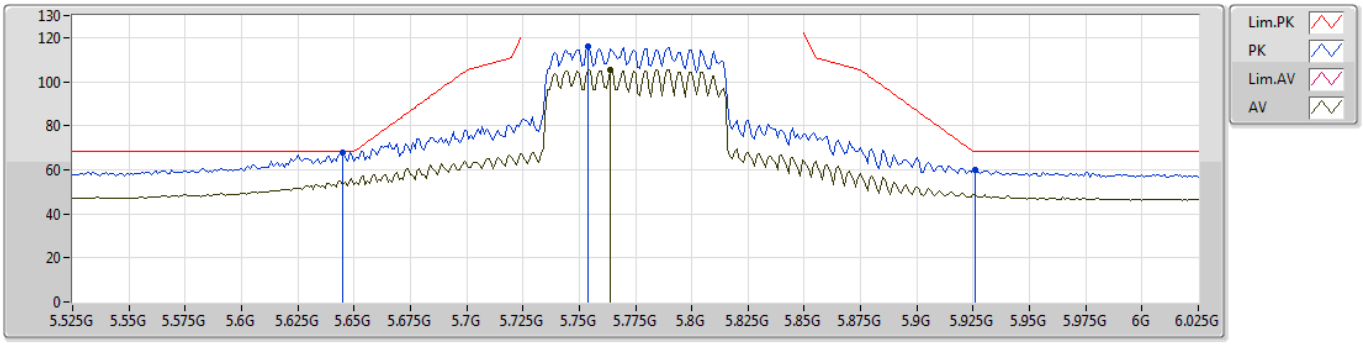
EUT Y_4TX
Setting 61
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6258G	56.06	74.00	-17.94	15.91	3	Horizontal	61	1.27	-
AV	15.62308G	42.47	54.00	-11.53	15.92	3	Horizontal	61	1.27	-

802.11ax HEW80_Nss1,(MCS0)_4TX

27/05/2019

5775MHz_TX



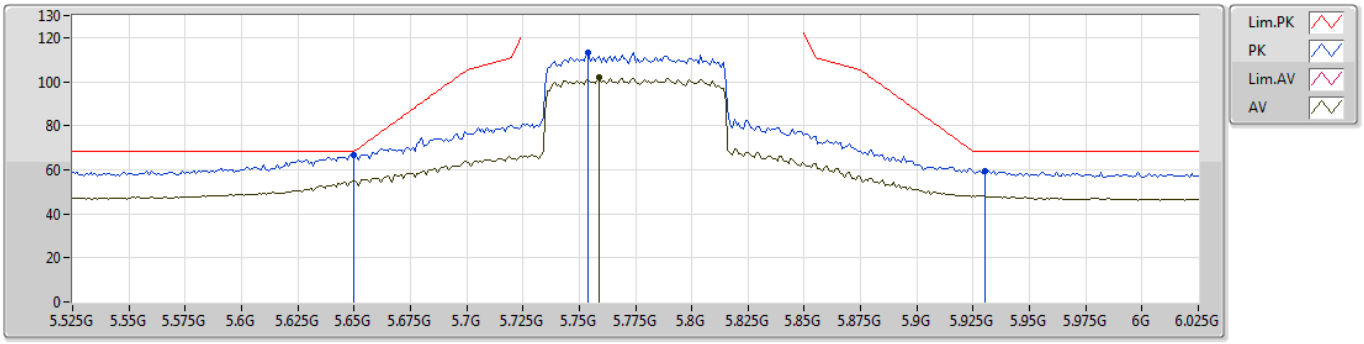
EUT Y_4TX
Setting 83
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.645G	68.07	68.20	-0.13	8.70	3	Vertical	175	2.28	-
PK	5.754G	115.95	Inf	-Inf	8.83	3	Vertical	175	2.28	-
AV	5.764G	105.51	Inf	-Inf	8.83	3	Vertical	175	2.28	-
PK	5.926G	60.11	68.20	-8.09	8.86	3	Vertical	175	2.28	-

802.11ax HEW80_Nss1,(MCS0)_4TX

27/05/2019

5775MHz_TX



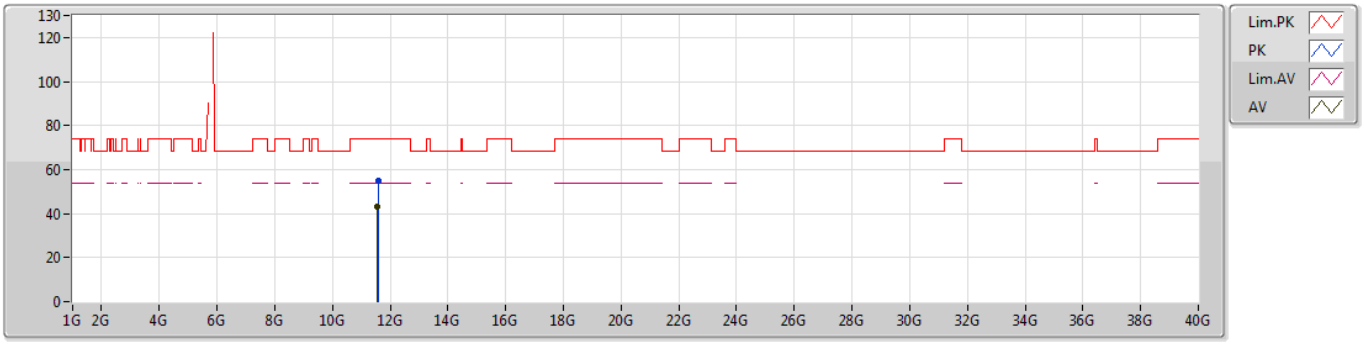
EUT Y_4TX
Setting 83
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.65G	66.90	68.20	-1.30	8.70	3	Horizontal	263	1.50	-
PK	5.754G	113.44	Inf	-Inf	8.83	3	Horizontal	263	1.50	-
AV	5.759G	101.81	Inf	-Inf	8.84	3	Horizontal	263	1.50	-
PK	5.93G	59.60	68.20	-8.60	8.86	3	Horizontal	263	1.50	-

802.11ax HEW80_Nss1,(MCS0)_4TX

27/05/2019

5775MHz_TX



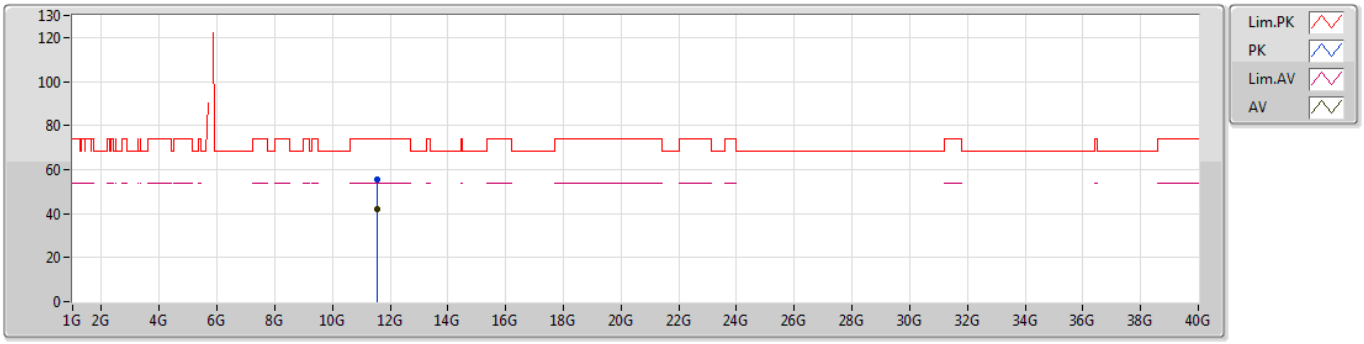
EUT Y_4TX
Setting 83
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.584G	54.77	74.00	-19.23	15.08	3	Vertical	189	2.01	-
AV	11.548G	43.19	54.00	-10.81	15.02	3	Vertical	189	2.01	-

802.11ax HEW80_Nss1,(MCS0)_4TX

27/05/2019

5775MHz_TX



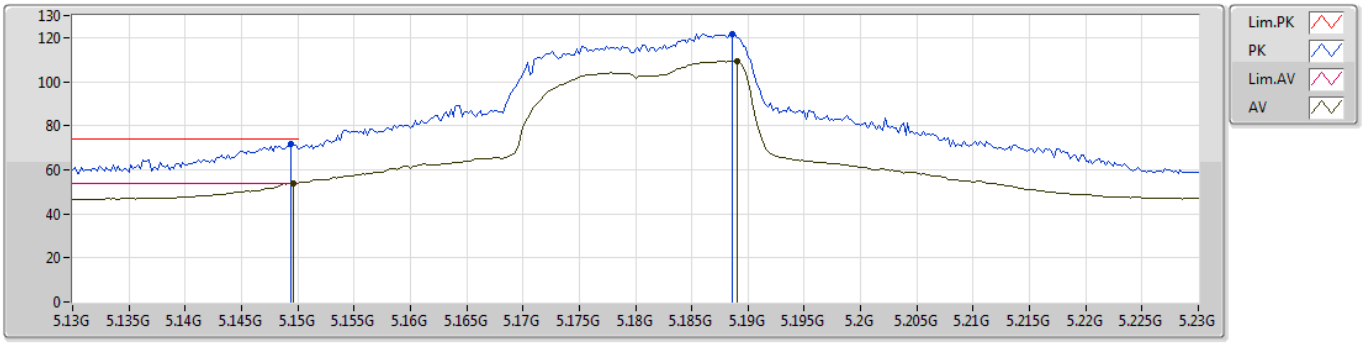
EUT Y_4TX
Setting 83
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.54724G	55.70	74.00	-18.30	15.02	3	Horizontal	223	2.00	-
AV	11.54228G	42.06	54.00	-11.94	15.02	3	Horizontal	223	2.00	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5180MHz_TX



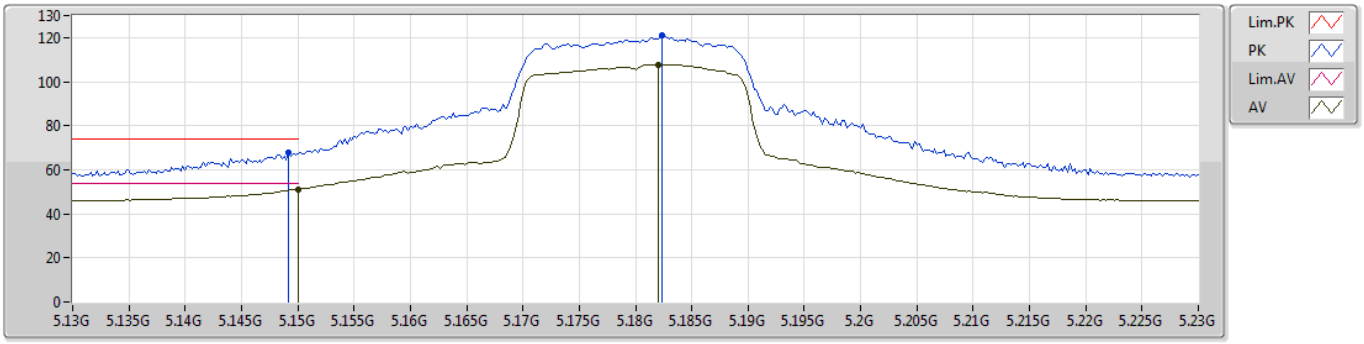
EUT Y_4TX
Setting 79
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1494G	71.46	74.00	-2.54	8.04	3	Vertical	150	1.51	-
AV	5.1496G	53.85	54.00	-0.15	8.04	3	Vertical	150	1.51	-
PK	5.1886G	121.87	Inf	-Inf	8.14	3	Vertical	150	1.51	-
AV	5.189G	109.27	Inf	-Inf	8.14	3	Vertical	150	1.51	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5180MHz_TX



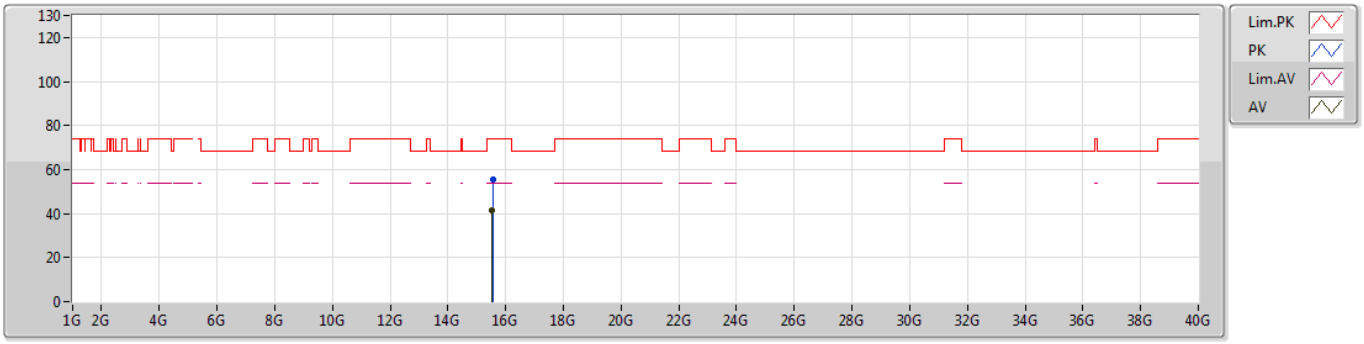
EUT Y_4TX
Setting 79
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1492G	67.88	74.00	-6.12	8.04	3	Horizontal	326	2.95	-
AV	5.15G	51.18	54.00	-2.82	8.04	3	Horizontal	326	2.95	-
PK	5.1824G	120.97	Inf	-Inf	8.12	3	Horizontal	326	2.95	-
AV	5.182G	107.72	Inf	-Inf	8.12	3	Horizontal	326	2.95	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5180MHz_TX



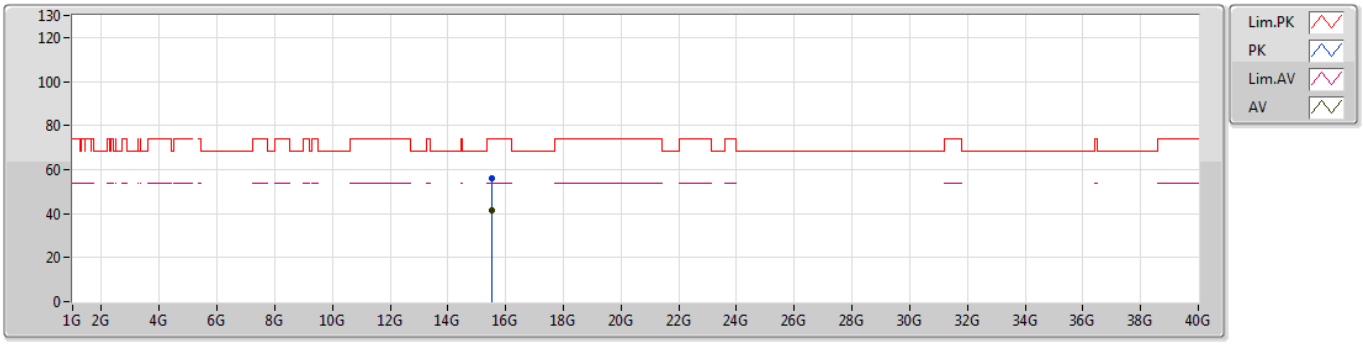
EUT Y_4TX
Setting 79
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.54774G	55.47	74.00	-18.53	16.11	3	Vertical	313	1.43	-
AV	15.5292G	41.25	54.00	-12.75	16.15	3	Vertical	313	1.43	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5180MHz_TX



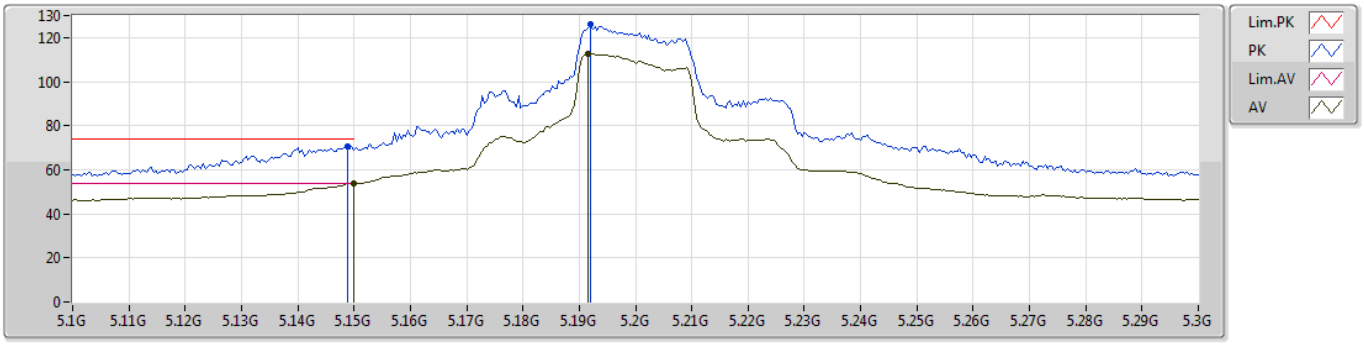
EUT Y_4TX
Setting 79
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.53364G	55.77	74.00	-18.23	16.15	3	Horizontal	124	1.34	-
AV	15.53508G	41.47	54.00	-12.53	16.14	3	Horizontal	124	1.34	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

27/05/2019



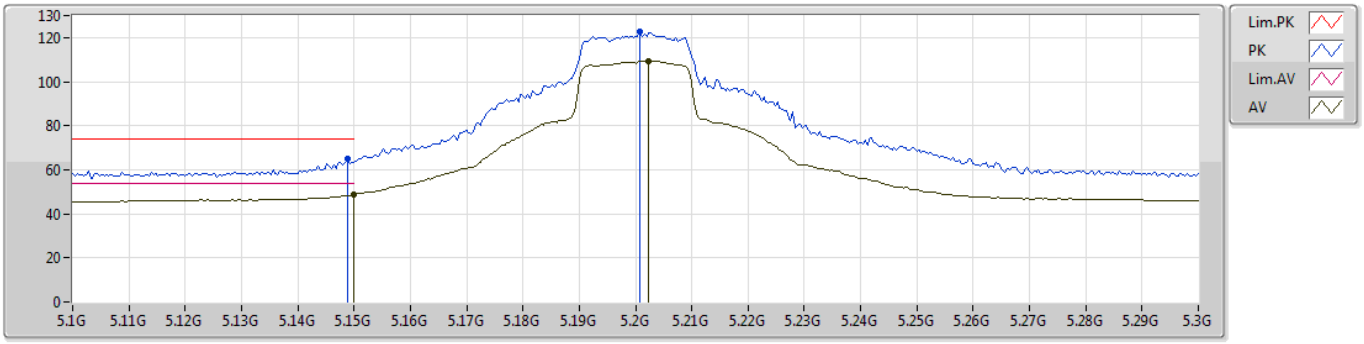
EUT Y_4TX
Setting 93
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1488G	70.80	74.00	-3.20	8.04	3	Vertical	191	2.48	-
AV	5.15G	53.88	54.00	-0.12	8.04	3	Vertical	191	2.48	-
PK	5.192G	125.99	Inf	-Inf	8.14	3	Vertical	191	2.48	-
AV	5.1916G	112.52	Inf	-Inf	8.14	3	Vertical	191	2.48	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

27/05/2019



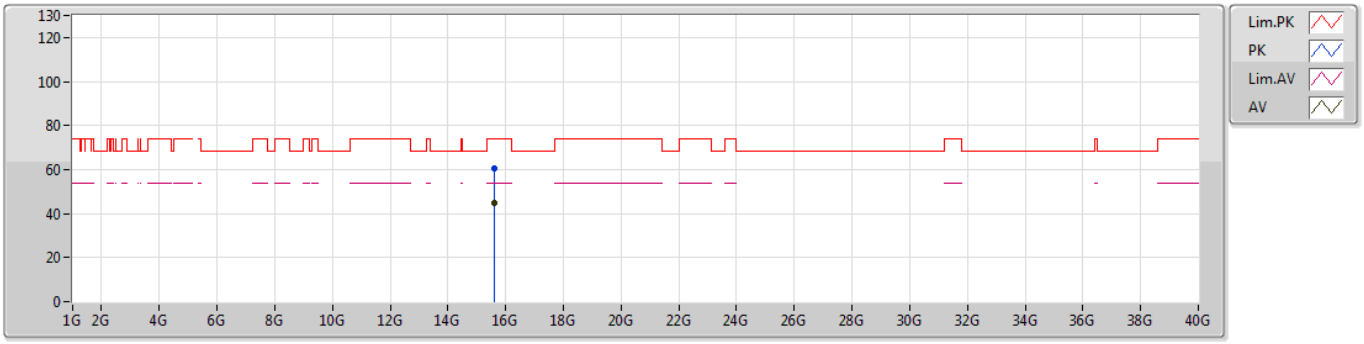
EUT Y_4TX
Setting 93
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1488G	64.79	74.00	-9.21	8.04	3	Horizontal	231	2.65	-
AV	5.15G	48.82	54.00	-5.18	8.04	3	Horizontal	231	2.65	-
PK	5.2008G	122.45	Inf	-Inf	8.16	3	Horizontal	231	2.65	-
AV	5.2024G	109.35	Inf	-Inf	8.16	3	Horizontal	231	2.65	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5200MHz_TX



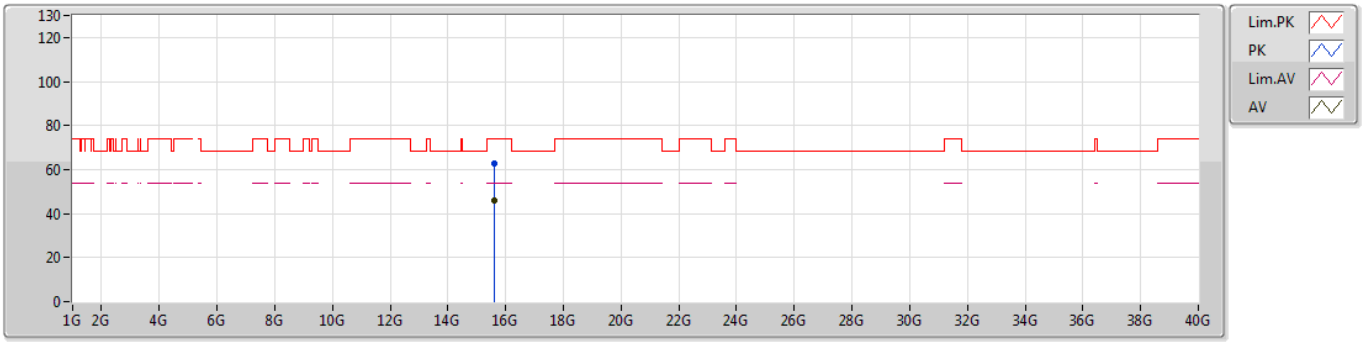
EUT Y_4TX
Setting 93
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.60228G	60.25	74.00	-13.75	15.96	3	Vertical	167	1.51	-
AV	15.59948G	44.64	54.00	-9.36	15.97	3	Vertical	167	1.51	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5200MHz_TX



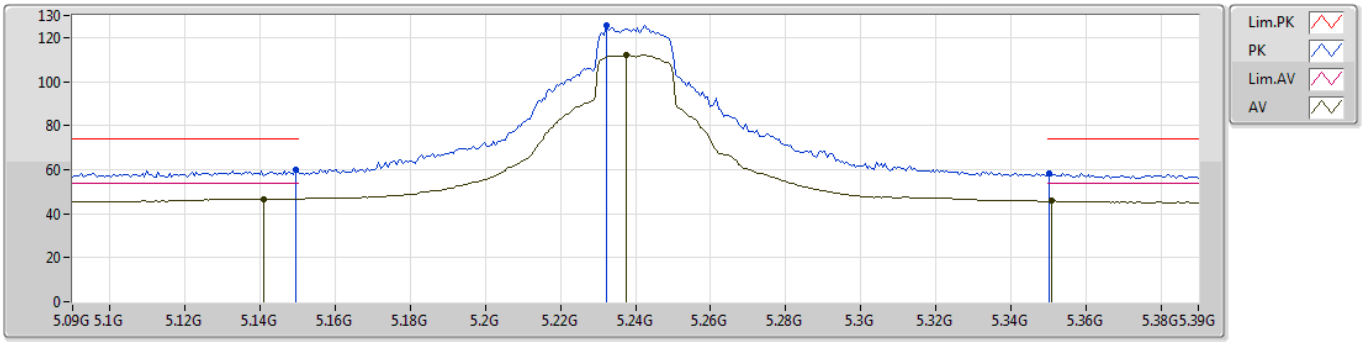
EUT Y_4TX
Setting 93
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.60084G	63.00	74.00	-11.00	15.97	3	Horizontal	256	1.45	-
AV	15.5976G	45.73	54.00	-8.27	15.98	3	Horizontal	256	1.45	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

27/05/2019



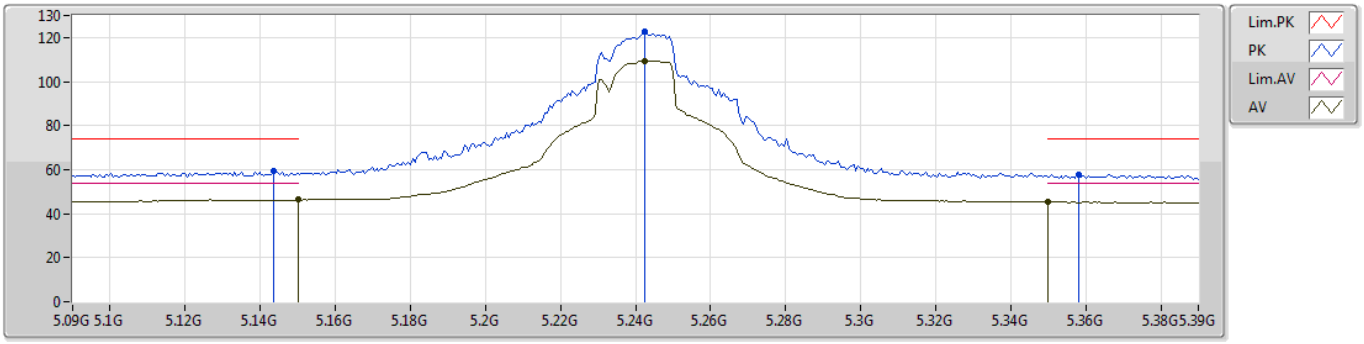
EUT Y_4TX
Setting 100
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1494G	59.81	74.00	-14.19	8.04	3	Vertical	305	1.50	-
AV	5.141G	46.68	54.00	-7.32	8.04	3	Vertical	305	1.50	-
PK	5.2322G	125.61	Inf	-Inf	8.21	3	Vertical	305	1.50	-
AV	5.2376G	111.95	Inf	-Inf	8.22	3	Vertical	305	1.50	-
PK	5.3504G	58.52	74.00	-15.48	8.38	3	Vertical	305	1.50	-
AV	5.351G	45.77	54.00	-8.23	8.38	3	Vertical	305	1.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5240MHz_TX



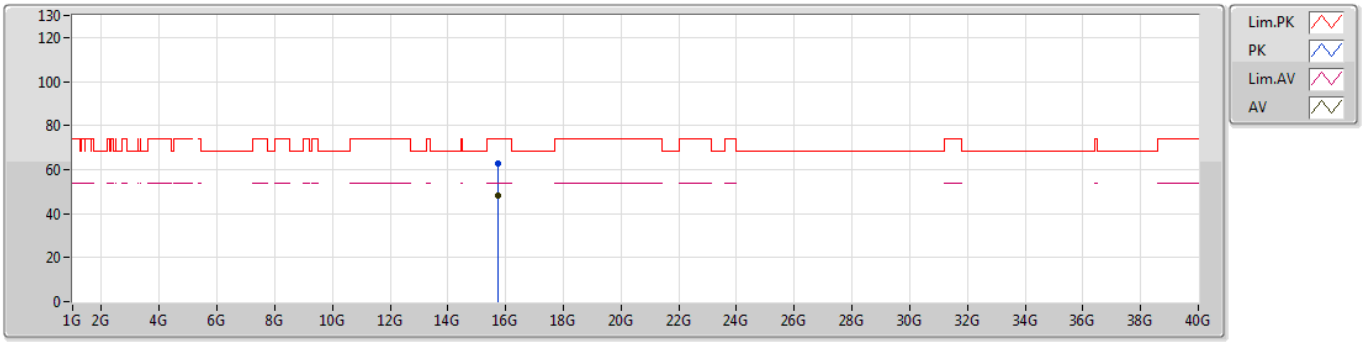
EUT Y_4TX
Setting 100
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1434G	59.39	74.00	-14.61	8.04	3	Horizontal	236	2.87	-
AV	5.15G	46.27	54.00	-7.73	8.04	3	Horizontal	236	2.87	-
PK	5.2424G	122.45	Inf	-Inf	8.22	3	Horizontal	236	2.87	-
AV	5.2424G	109.42	Inf	-Inf	8.22	3	Horizontal	236	2.87	-
PK	5.3582G	57.71	74.00	-16.29	8.38	3	Horizontal	236	2.87	-
AV	5.35G	45.23	54.00	-8.77	8.38	3	Horizontal	236	2.87	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5240MHz_TX



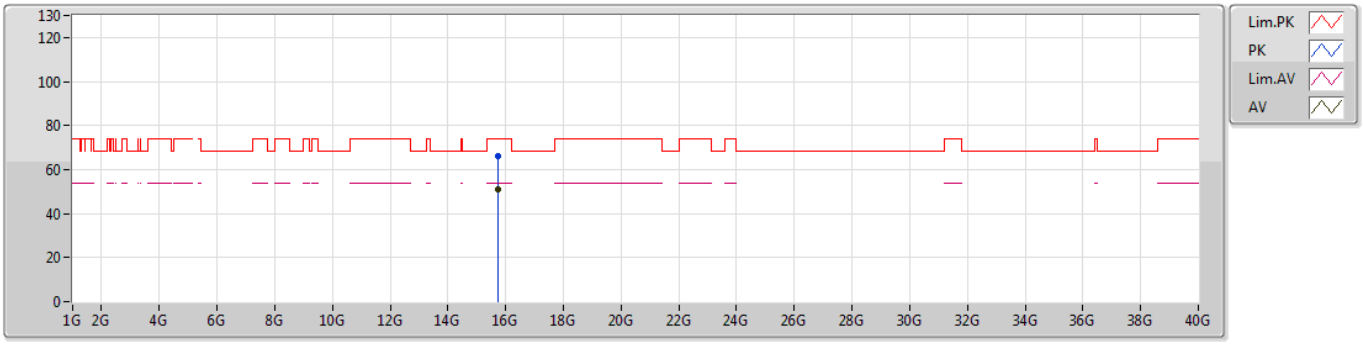
EUT Y_4TX
Setting 100
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.71814G	62.92	74.00	-11.08	15.68	3	Vertical	30	2.09	-
AV	15.72186G	48.12	54.00	-5.88	15.67	3	Vertical	30	2.09	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5240MHz_TX



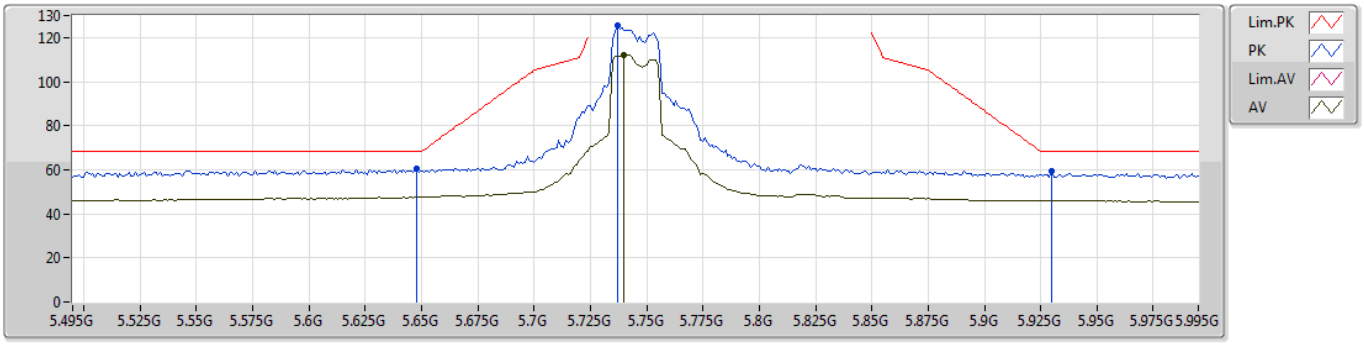
EUT Y_4TX
Setting 100
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.72222G	66.23	74.00	-7.77	15.67	3	Horizontal	306	2.97	-
AV	15.71952G	50.95	54.00	-3.05	15.68	3	Horizontal	306	2.97	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5745MHz_TX



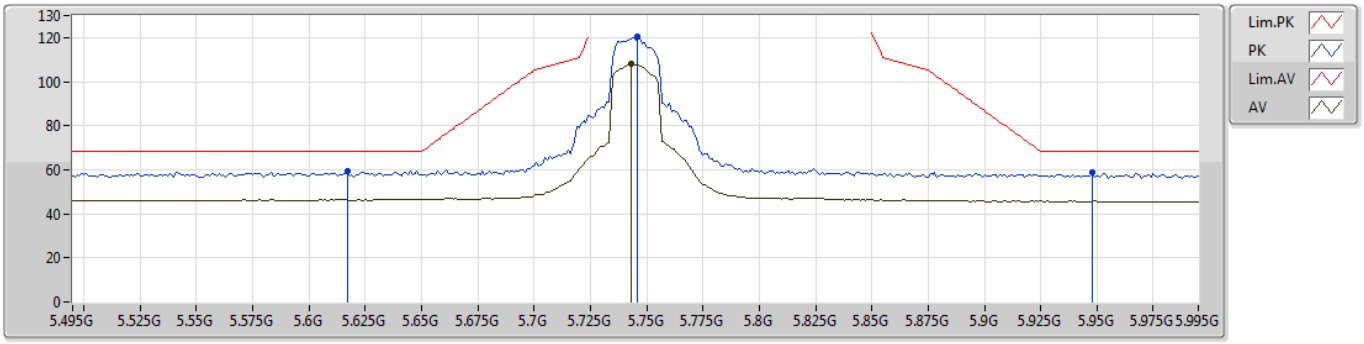
EUT Y_4TX
Setting 87
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.648G	60.78	68.20	-7.42	8.71	3	Vertical	274	2.40	-
PK	5.737G	125.27	Inf	-Inf	8.82	3	Vertical	274	2.40	-
AV	5.74G	112.27	Inf	-Inf	8.81	3	Vertical	274	2.40	-
PK	5.93G	59.54	68.20	-8.66	8.86	3	Vertical	274	2.40	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5745MHz_TX



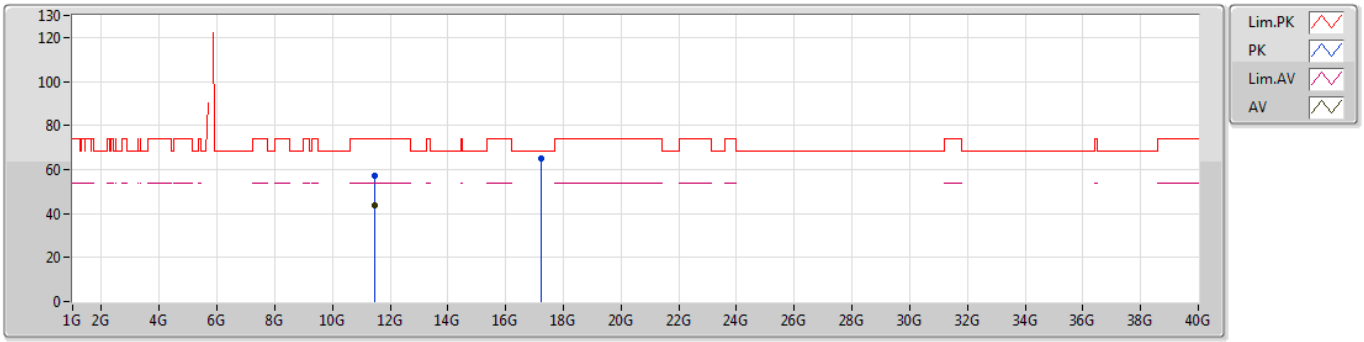
EUT Y_4TX
Setting 87
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.617G	59.28	68.20	-8.92	8.65	3	Horizontal	195	1.50	-
PK	5.746G	120.26	Inf	-Inf	8.82	3	Horizontal	195	1.50	-
AV	5.743G	107.96	Inf	-Inf	8.82	3	Horizontal	195	1.50	-
PK	5.948G	58.63	68.20	-9.57	8.86	3	Horizontal	195	1.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5745MHz_TX



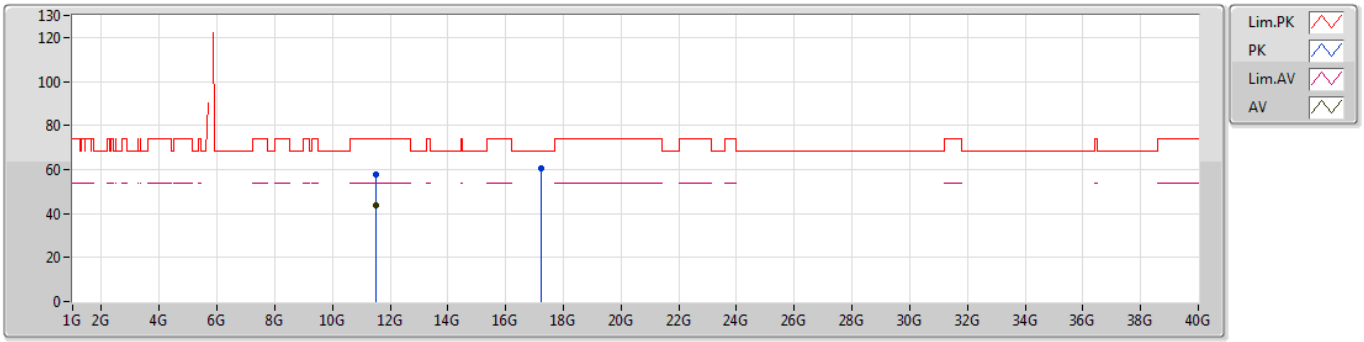
EUT Y_4TX
Setting 87
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.48208G	57.13	74.00	-16.87	14.93	3	Vertical	303	1.10	-
AV	11.48288G	43.74	54.00	-10.26	14.93	3	Vertical	303	1.10	-
PK	17.21804G	65.07	68.20	-3.13	20.64	3	Vertical	65	1.92	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5745MHz_TX



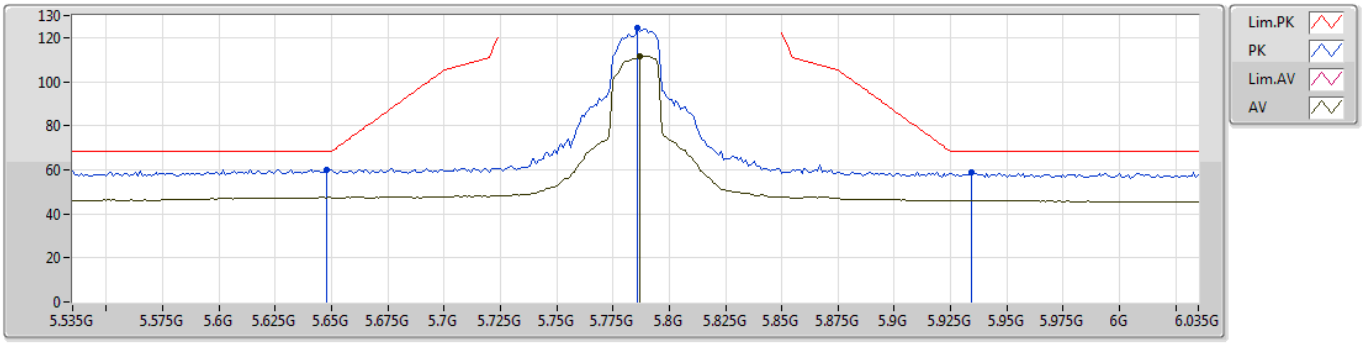
EUT Y_4TX
Setting 87
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.48968G	57.65	74.00	-16.35	14.94	3	Horizontal	192	2.32	-
AV	11.48784G	43.81	54.00	-10.19	14.94	3	Horizontal	192	2.32	-
PK	17.24476G	60.59	68.20	-7.61	20.79	3	Horizontal	151	2.48	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5785MHz_TX



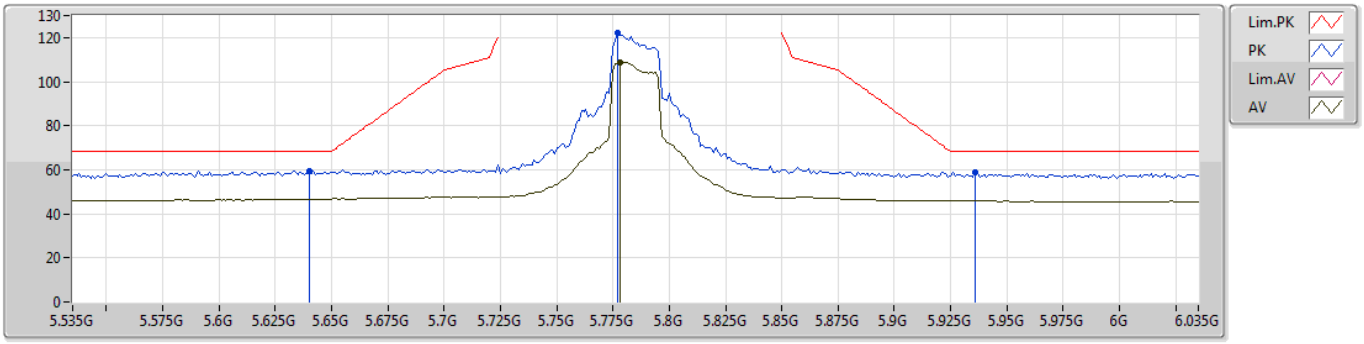
EUT Y_4TX
Setting 86
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.648G	60.00	68.20	-8.20	8.71	3	Vertical	278	2.67	-
PK	5.786G	124.38	Inf	-Inf	8.87	3	Vertical	278	2.67	-
AV	5.787G	111.48	Inf	-Inf	8.87	3	Vertical	278	2.67	-
PK	5.934G	58.69	68.20	-9.51	8.86	3	Vertical	278	2.67	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5785MHz_TX



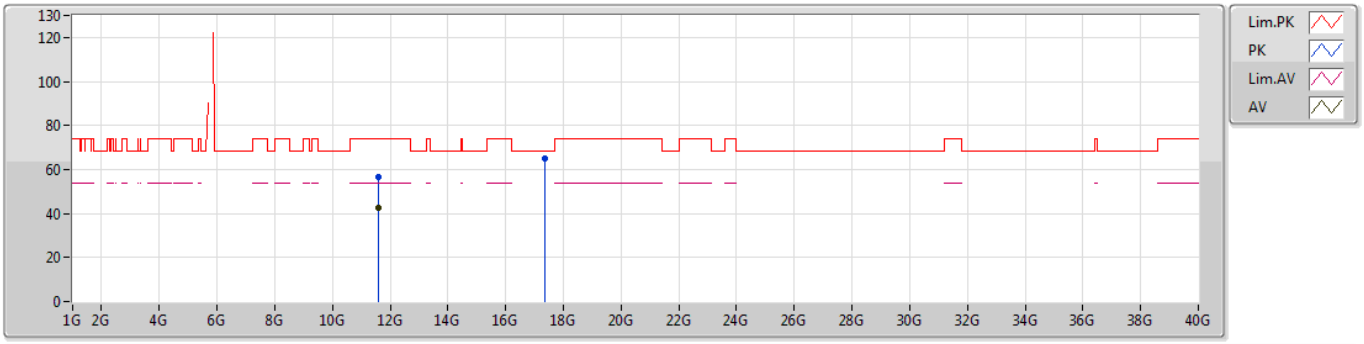
EUT Y_4TX
Setting 86
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.64G	59.52	68.20	-8.68	8.70	3	Horizontal	9	1.35	-
PK	5.777G	122.00	Inf	-Inf	8.86	3	Horizontal	9	1.35	-
AV	5.778G	108.74	Inf	-Inf	8.86	3	Horizontal	9	1.35	-
PK	5.936G	58.63	68.20	-9.57	8.86	3	Horizontal	9	1.35	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5785MHz_TX



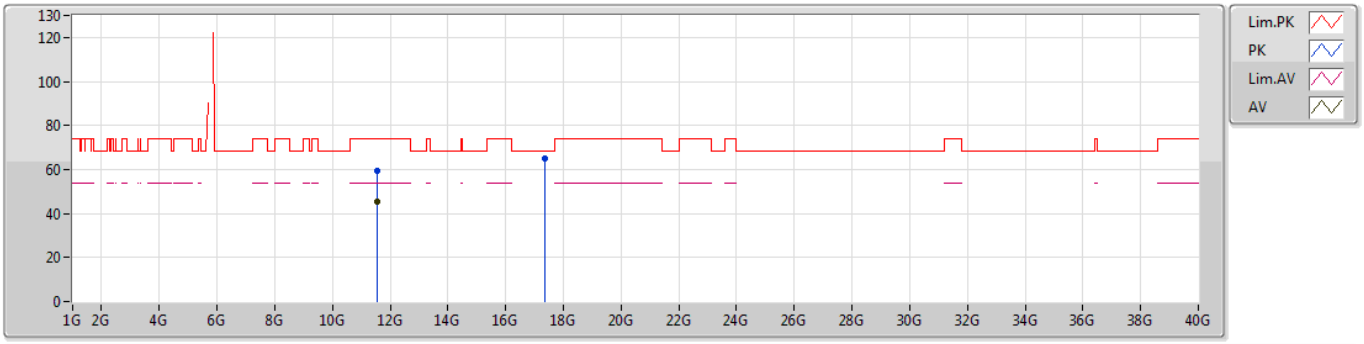
EUT Y_4TX
Setting 86
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.57688G	56.54	74.00	-17.46	15.07	3	Vertical	299	1.38	-
AV	11.5772G	42.46	54.00	-11.54	15.07	3	Vertical	299	1.38	-
PK	17.34564G	65.16	68.20	-3.04	21.40	3	Vertical	59	2.72	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5785MHz_TX



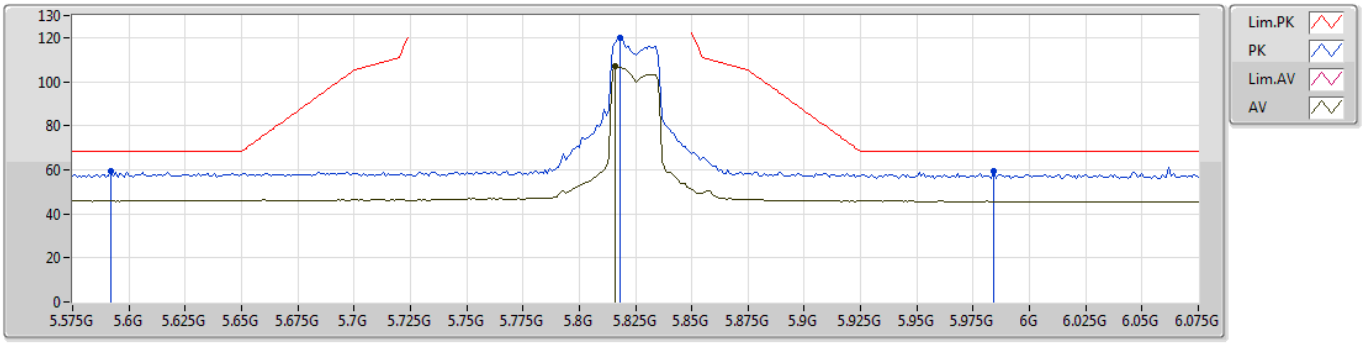
EUT Y_4TX
Setting 86
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5604G	59.17	74.00	-14.83	15.04	3	Horizontal	96	2.79	-
AV	11.56192G	45.57	54.00	-8.43	15.05	3	Horizontal	96	2.79	-
PK	17.34956G	65.17	68.20	-3.03	21.43	3	Horizontal	125	2.84	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5825MHz_TX



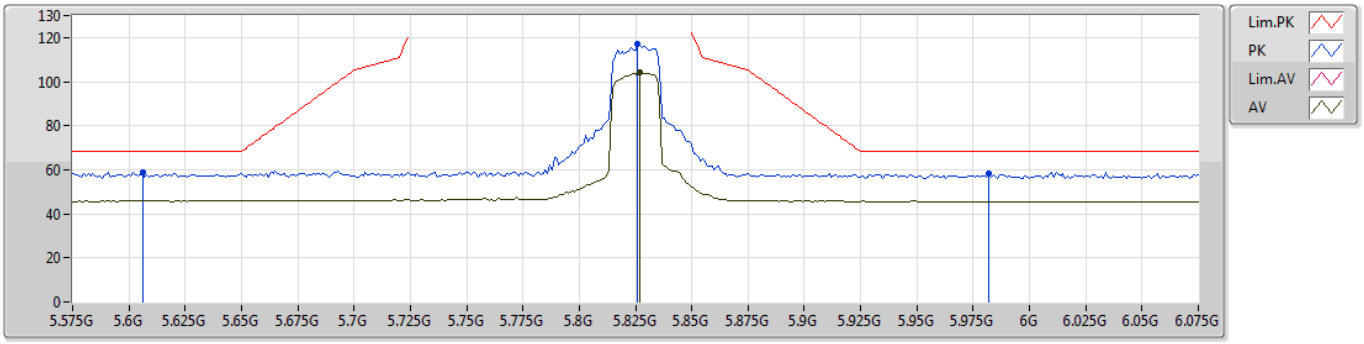
EUT Y_4TX
Setting 73
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.592G	59.20	68.20	-9.00	8.64	3	Vertical	252	1.49	-
PK	5.818G	119.66	Inf	-Inf	8.87	3	Vertical	252	1.49	-
AV	5.816G	107.20	Inf	-Inf	8.88	3	Vertical	252	1.49	-
PK	5.984G	59.15	68.20	-9.05	8.84	3	Vertical	252	1.49	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5825MHz_TX



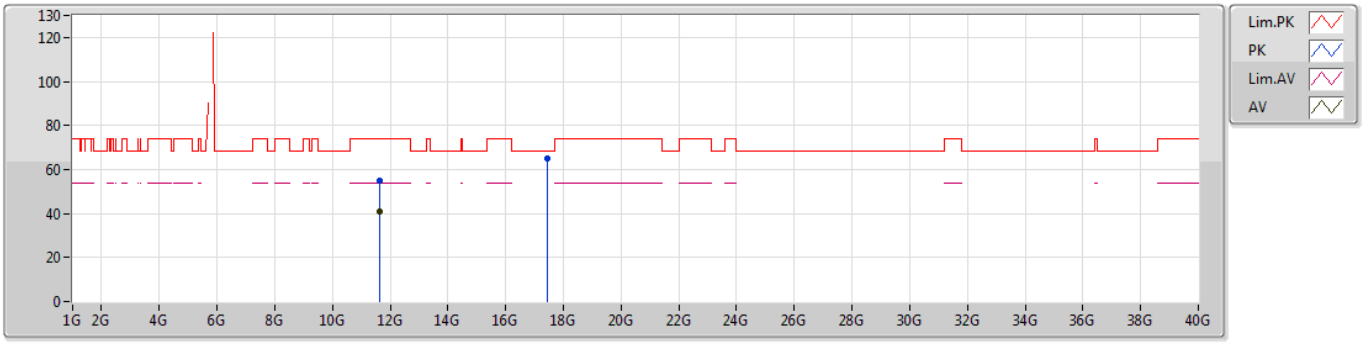
EUT Y_4TX
Setting 73
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.606G	59.01	68.20	-9.19	8.65	3	Horizontal	134	1.49	-
PK	5.826G	117.25	Inf	-Inf	8.88	3	Horizontal	134	1.49	-
AV	5.827G	104.22	Inf	-Inf	8.88	3	Horizontal	134	1.49	-
PK	5.982G	58.40	68.20	-9.80	8.85	3	Horizontal	134	1.49	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5825MHz_TX



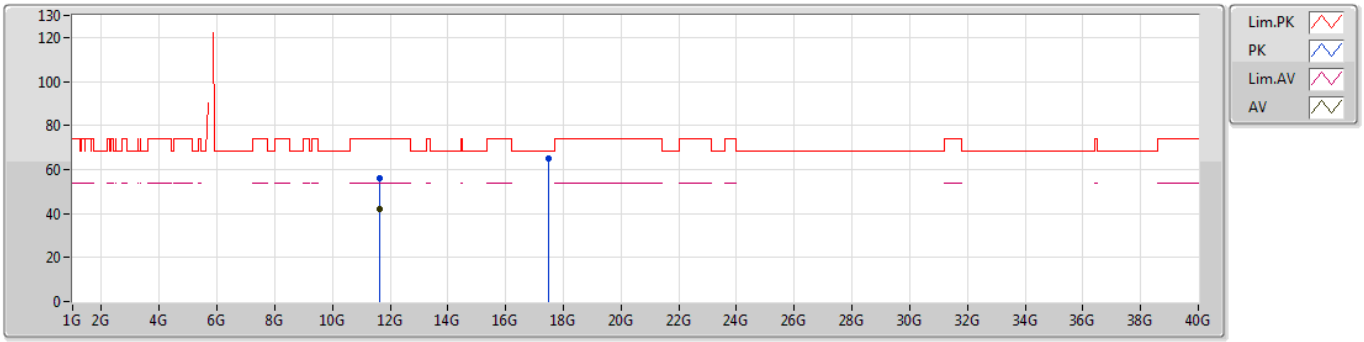
EUT Y_4TX
Setting 73
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.64336G	54.90	74.00	-19.10	15.15	3	Vertical	255	2.06	-
AV	11.6496G	41.06	54.00	-12.94	15.15	3	Vertical	255	2.06	-
PK	17.46068G	65.14	68.20	-3.06	22.10	3	Vertical	71	1.91	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/05/2019

5825MHz_TX



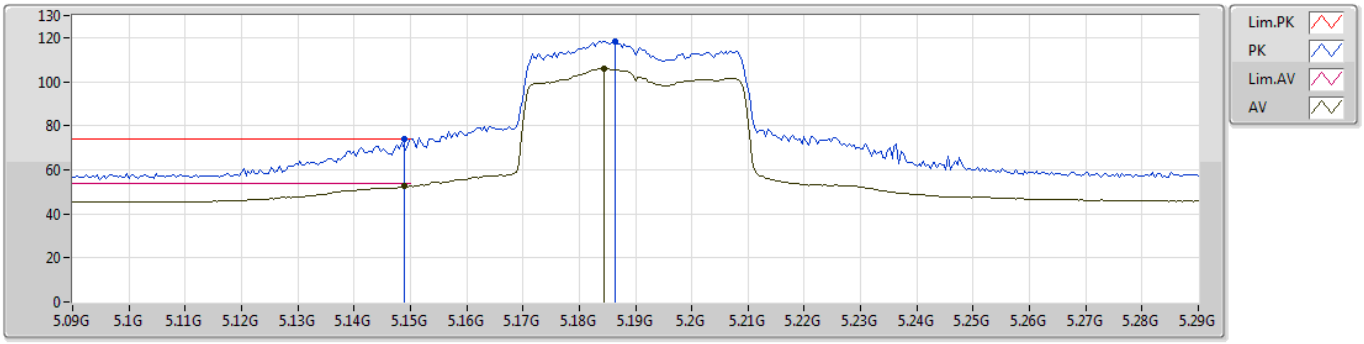
EUT Y_4TX
Setting 73
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.65456G	55.85	74.00	-18.15	15.17	3	Horizontal	199	2.22	-
AV	11.6504G	42.07	54.00	-11.93	15.16	3	Horizontal	199	2.22	-
PK	17.48372G	65.12	68.20	-3.08	22.23	3	Horizontal	43	2.71	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5190MHz_TX



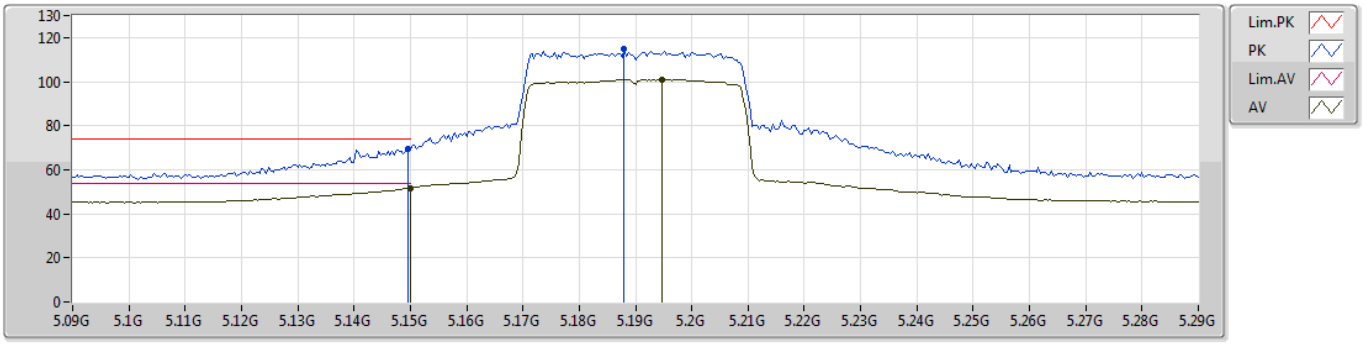
EUT Y_4TX
Setting 72
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149G	73.87	74.00	-0.13	8.04	3	Vertical	302	1.57	-
AV	5.149G	52.41	54.00	-1.59	8.04	3	Vertical	302	1.57	-
PK	5.1864G	118.39	Inf	-Inf	8.14	3	Vertical	302	1.57	-
AV	5.1844G	105.91	Inf	-Inf	8.13	3	Vertical	302	1.57	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5190MHz_TX



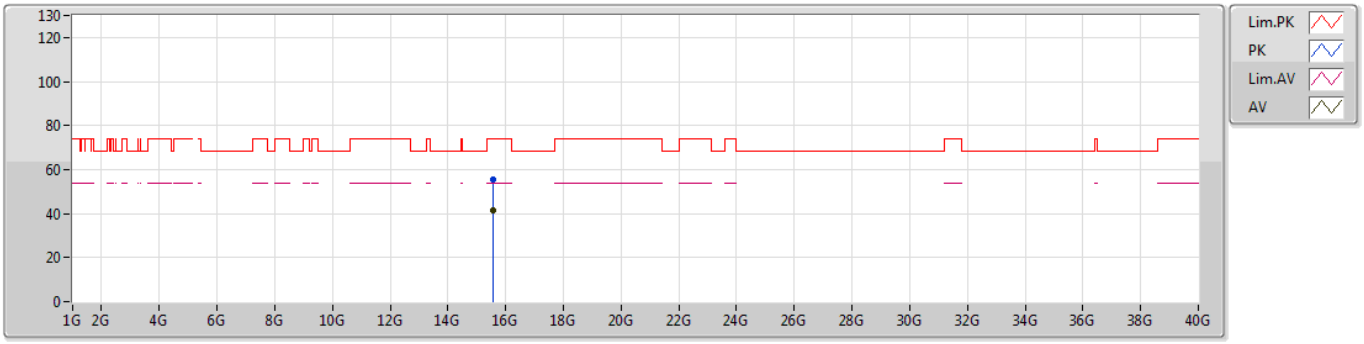
EUT Y_4TX
Setting 72
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1496G	69.62	74.00	-4.38	8.04	3	Horizontal	232	2.66	-
AV	5.15G	51.51	54.00	-2.49	8.04	3	Horizontal	232	2.66	-
PK	5.188G	114.67	Inf	-Inf	8.14	3	Horizontal	232	2.66	-
AV	5.1948G	101.00	Inf	-Inf	8.15	3	Horizontal	232	2.66	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5190MHz_TX



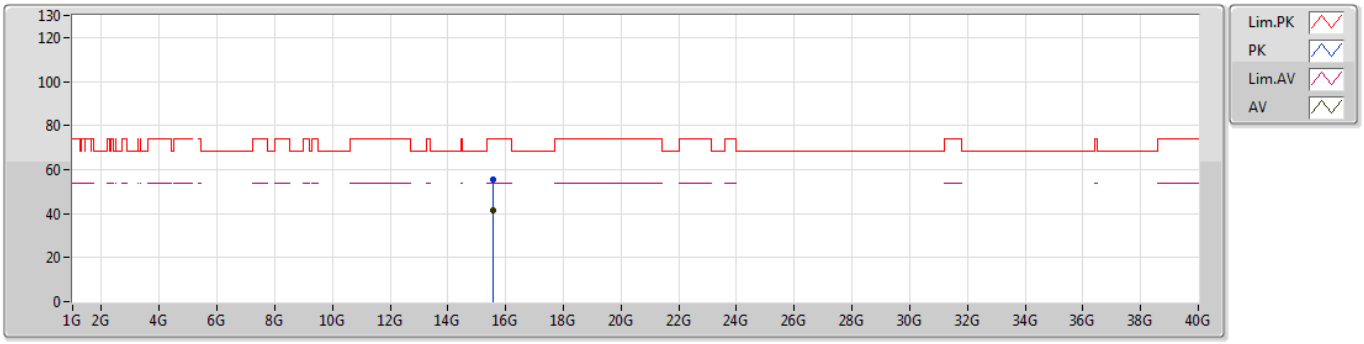
EUT Y_4TX
Setting 72
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5797G	55.45	74.00	-18.55	16.03	3	Vertical	319	1.39	-
AV	15.55G	41.31	54.00	-12.69	16.10	3	Vertical	319	1.39	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5190MHz_TX



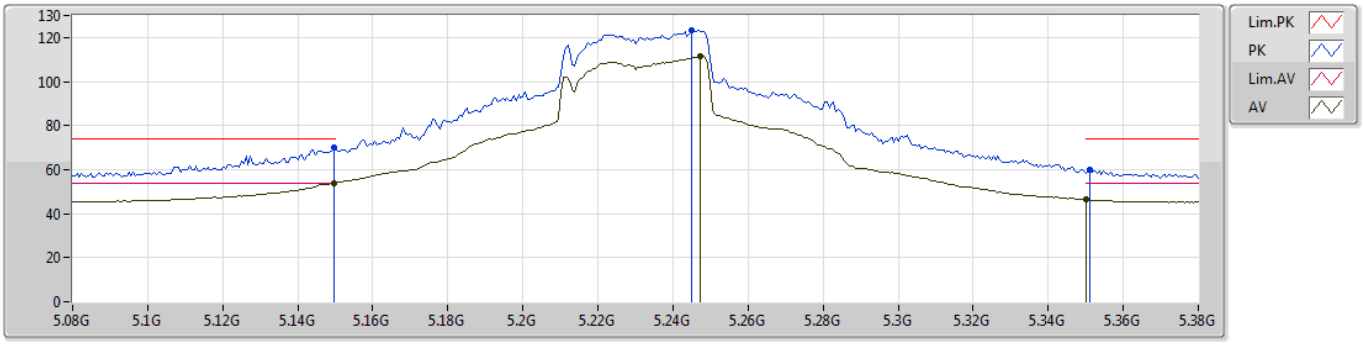
EUT Y_4TX
Setting 72
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5486G	55.25	74.00	-18.75	16.10	3	Horizontal	259	1.48	-
AV	15.5546G	41.37	54.00	-12.63	16.09	3	Horizontal	259	1.48	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

27/05/2019



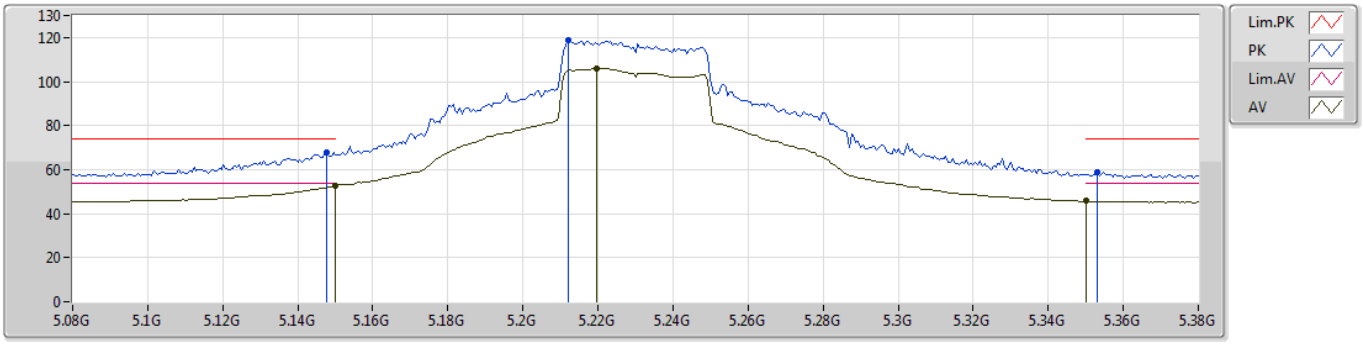
EUT Y_4TX
Setting 93
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1496G	70.09	74.00	-3.91	8.04	3	Vertical	0	2.05	-
AV	5.1496G	53.80	54.00	-0.20	8.04	3	Vertical	0	2.05	-
PK	5.245G	123.44	Inf	-Inf	8.22	3	Vertical	0	2.05	-
AV	5.2474G	111.45	Inf	-Inf	8.23	3	Vertical	0	2.05	-
PK	5.3512G	59.97	74.00	-14.03	8.38	3	Vertical	0	2.05	-
AV	5.35G	46.28	54.00	-7.72	8.38	3	Vertical	0	2.05	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

27/05/2019



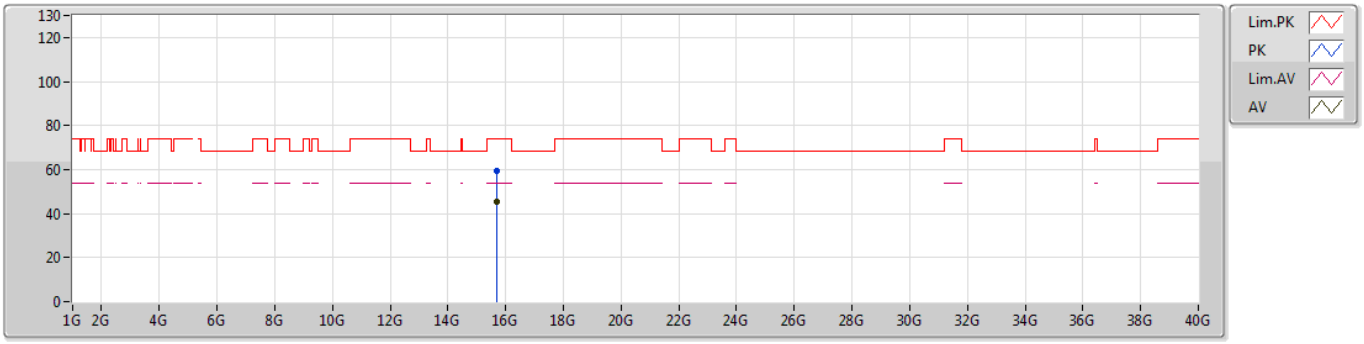
EUT Y_4TX
Setting 93
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1478G	68.02	74.00	-5.98	8.04	3	Horizontal	301	2.04	-
AV	5.15G	52.41	54.00	-1.59	8.04	3	Horizontal	301	2.04	-
PK	5.212G	118.56	Inf	-Inf	8.17	3	Horizontal	301	2.04	-
AV	5.2198G	105.83	Inf	-Inf	8.19	3	Horizontal	301	2.04	-
PK	5.353G	59.09	74.00	-14.91	8.38	3	Horizontal	301	2.04	-
AV	5.35G	45.71	54.00	-8.29	8.38	3	Horizontal	301	2.04	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5230MHz_TX



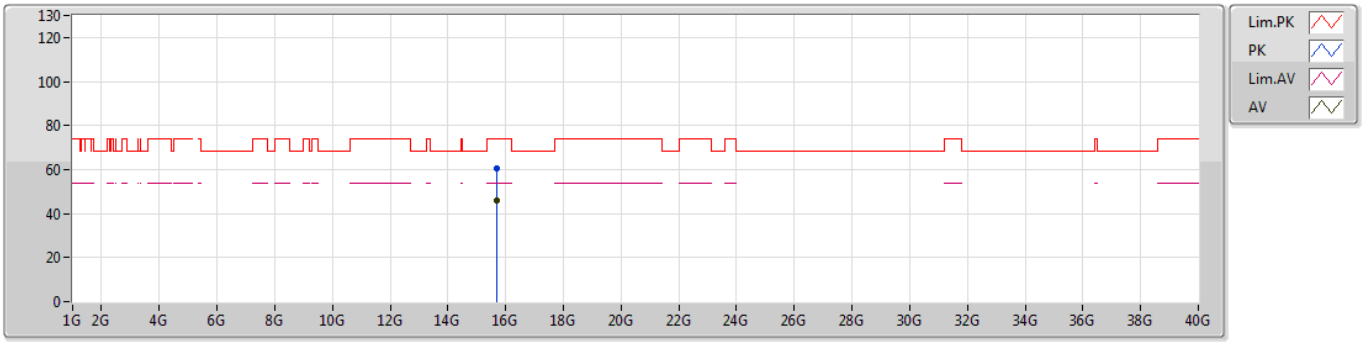
EUT Y_4TX
Setting 93
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6958G	59.46	74.00	-14.54	15.73	3	Vertical	234	1.47	-
AV	15.6963G	45.45	54.00	-8.55	15.73	3	Vertical	234	1.47	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5230MHz_TX



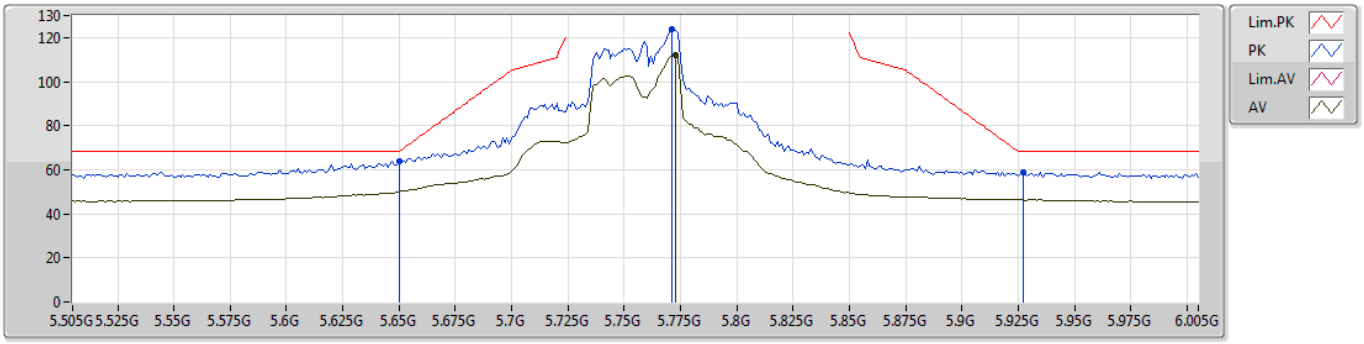
EUT Y_4TX
Setting 93
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.699G	60.49	74.00	-13.51	15.72	3	Horizontal	9	1.52	-
AV	15.7012G	46.13	54.00	-7.87	15.72	3	Horizontal	9	1.52	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5755MHz_TX



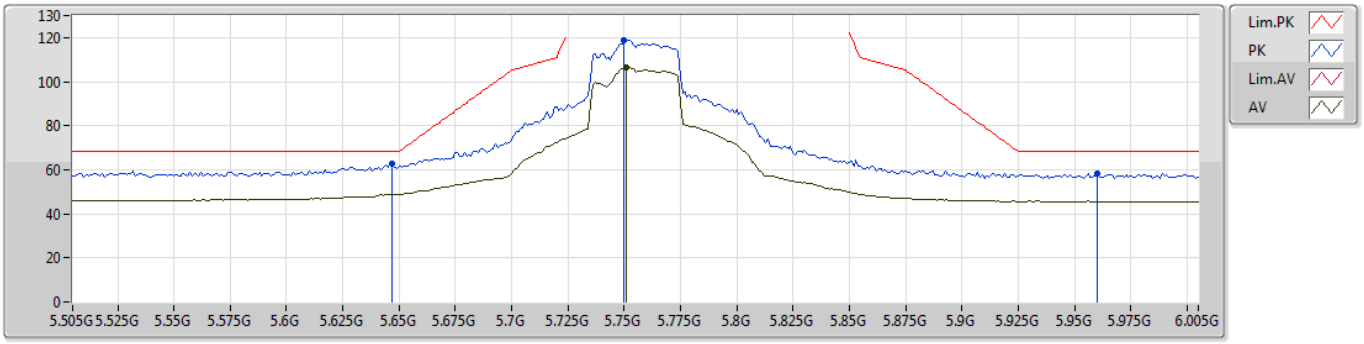
EUT Y_4TX
Setting 97
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.65G	64.09	68.20	-4.11	8.70	3	Vertical	41	2.55	-
PK	5.771G	123.63	Inf	-Inf	8.84	3	Vertical	41	2.55	-
AV	5.773G	112.11	Inf	-Inf	8.84	3	Vertical	41	2.55	-
PK	5.927G	59.01	68.20	-9.19	8.86	3	Vertical	41	2.55	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5755MHz_TX



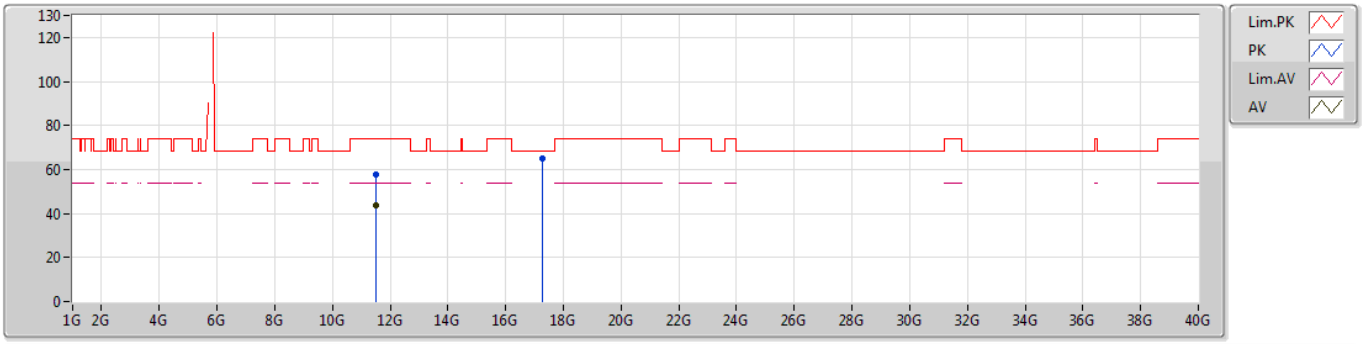
EUT Y_4TX
Setting 97
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.647G	62.88	68.20	-5.32	8.71	3	Horizontal	191	1.58	-
PK	5.75G	118.95	Inf	-Inf	8.83	3	Horizontal	191	1.58	-
AV	5.751G	106.25	Inf	-Inf	8.83	3	Horizontal	191	1.58	-
PK	5.96G	58.35	68.20	-9.85	8.84	3	Horizontal	191	1.58	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5755MHz_TX



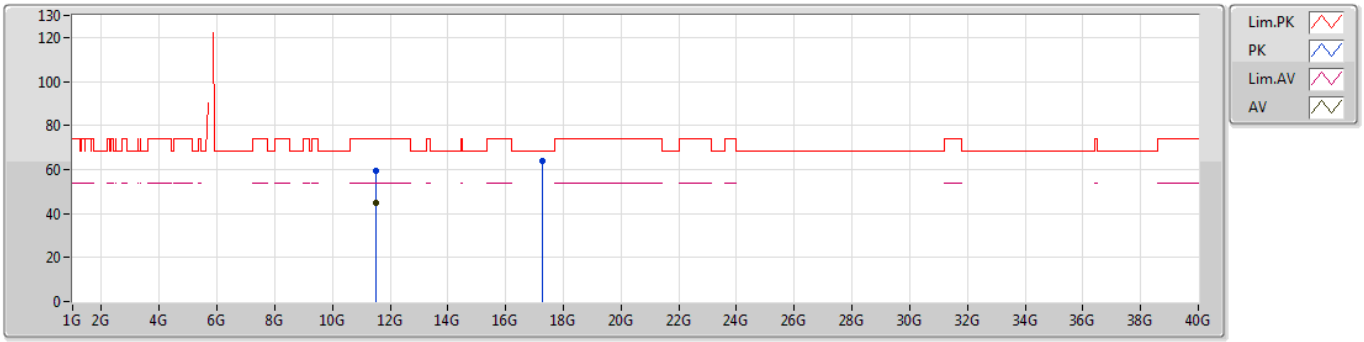
EUT Y_4TX
Setting 97
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5096G	57.92	74.00	-16.08	14.97	3	Vertical	303	1.12	-
AV	11.5092G	43.61	54.00	-10.39	14.97	3	Vertical	303	1.12	-
PK	17.2739G	65.17	68.20	-3.03	20.97	3	Vertical	80	2.69	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5755MHz_TX



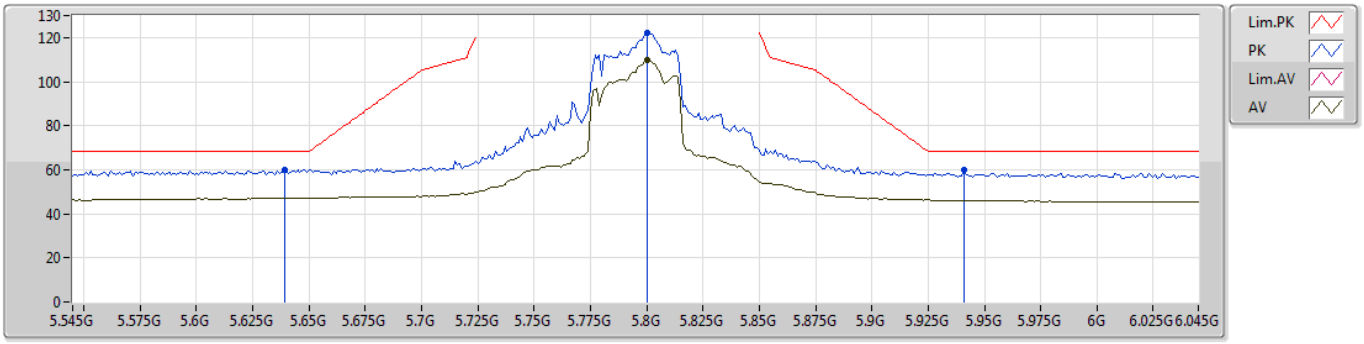
EUT Y_4TX
Setting 97
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4937G	59.24	74.00	-14.76	14.94	3	Horizontal	187	1.63	-
AV	11.4944G	44.86	54.00	-9.14	14.94	3	Horizontal	187	1.63	-
PK	17.2689G	63.97	68.20	-4.23	20.94	3	Horizontal	134	2.71	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5795MHz_TX



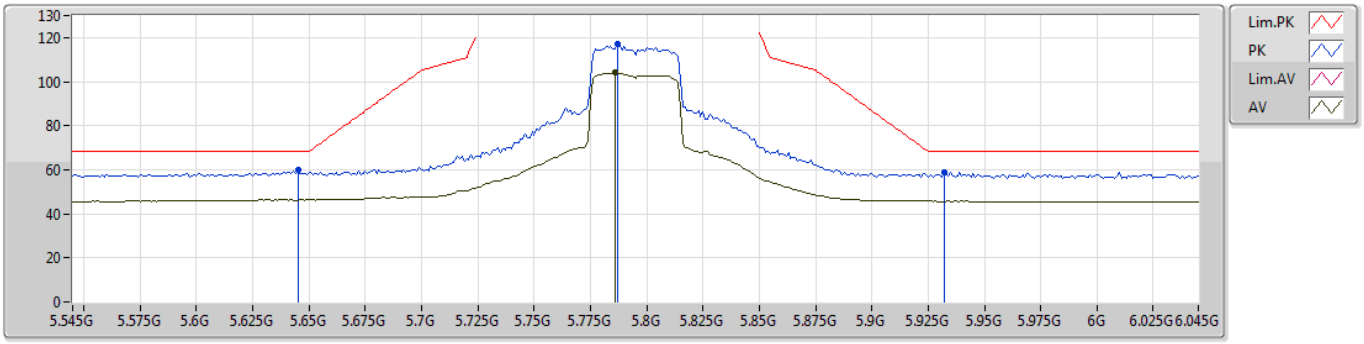
EUT Y_4TX
Setting 85
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.639G	59.91	68.20	-8.29	8.69	3	Vertical	334	1.17	-
PK	5.8G	122.08	Inf	-Inf	8.88	3	Vertical	334	1.17	-
AV	5.8G	109.59	Inf	-Inf	8.88	3	Vertical	334	1.17	-
PK	5.941G	60.19	68.20	-8.01	8.86	3	Vertical	334	1.17	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5795MHz_TX



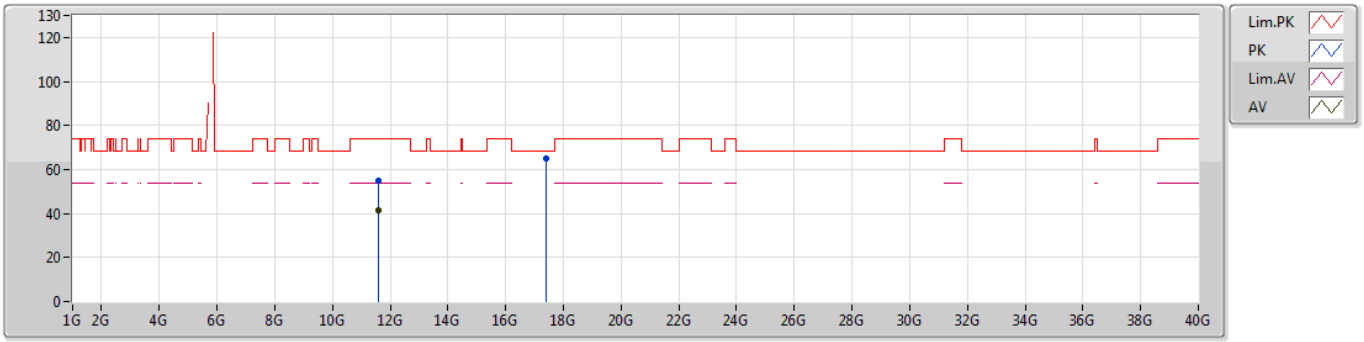
EUT Y_4TX
Setting 85
02-W-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.645G	59.86	68.20	-8.34	8.70	3	Horizontal	17	1.12	-
PK	5.787G	117.02	Inf	-Inf	8.87	3	Horizontal	17	1.12	-
AV	5.786G	104.00	Inf	-Inf	8.87	3	Horizontal	17	1.12	-
PK	5.932G	58.82	68.20	-9.38	8.86	3	Horizontal	17	1.12	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5795MHz_TX



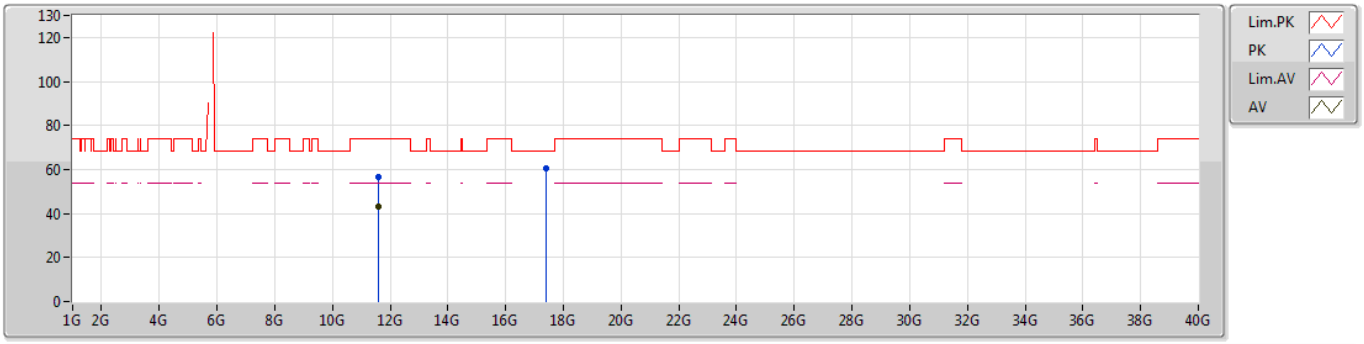
EUT Y_4TX
Setting 85
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5811G	55.08	74.00	-18.92	15.07	3	Vertical	262	2.04	-
AV	11.5899G	41.53	54.00	-12.47	15.08	3	Vertical	262	2.04	-
PK	17.3995G	65.12	68.20	-3.08	21.73	3	Vertical	72	1.88	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/05/2019

5795MHz_TX



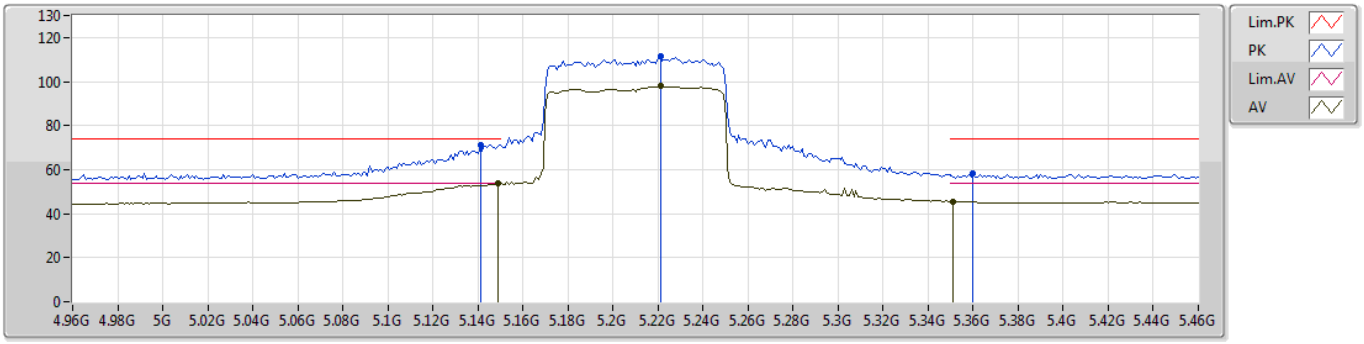
EUT Y_4TX
Setting 85
02-W-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5884G	56.83	74.00	-17.17	15.08	3	Horizontal	123	2.82	-
AV	11.5982G	42.95	54.00	-11.05	15.10	3	Horizontal	123	2.82	-
PK	17.4031G	60.47	68.20	-7.73	21.75	3	Horizontal	272	2.89	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/05/2019

5210MHz_TX



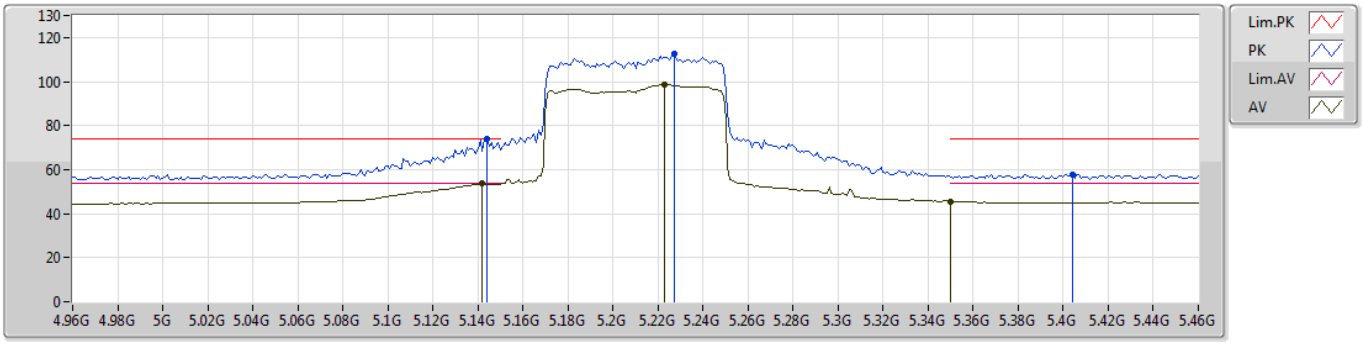
EUT Y_4TX
Setting 70
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.141G	71.37	74.00	-2.63	8.04	3	Vertical	221	1.50	-
AV	5.149G	53.88	54.00	-0.12	8.04	3	Vertical	221	1.50	-
PK	5.221G	111.34	Inf	-Inf	8.20	3	Vertical	221	1.50	-
AV	5.221G	97.80	Inf	-Inf	8.20	3	Vertical	221	1.50	-
PK	5.36G	58.03	74.00	-15.97	8.39	3	Vertical	221	1.50	-
AV	5.351G	45.34	54.00	-8.66	8.38	3	Vertical	221	1.50	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/05/2019

5210MHz_TX



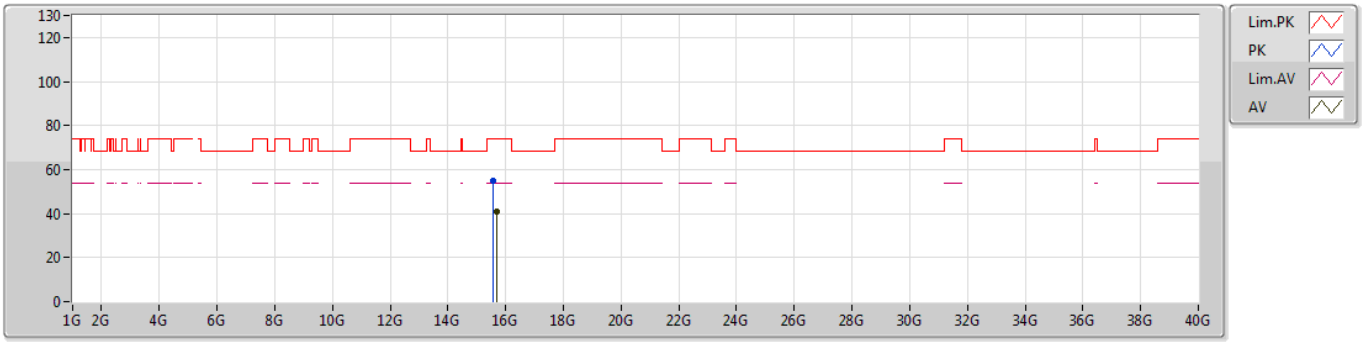
EUT Y_4TX
Setting 70
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.144G	73.93	74.00	-0.07	8.04	3	Horizontal	232	1.50	-
AV	5.142G	53.56	54.00	-0.44	8.04	3	Horizontal	232	1.50	-
PK	5.227G	112.43	Inf	-Inf	8.20	3	Horizontal	232	1.50	-
AV	5.223G	98.42	Inf	-Inf	8.20	3	Horizontal	232	1.50	-
PK	5.404G	57.60	74.00	-16.40	8.45	3	Horizontal	232	1.50	-
AV	5.35G	45.40	54.00	-8.60	8.38	3	Horizontal	232	1.50	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/05/2019

5210MHz_TX



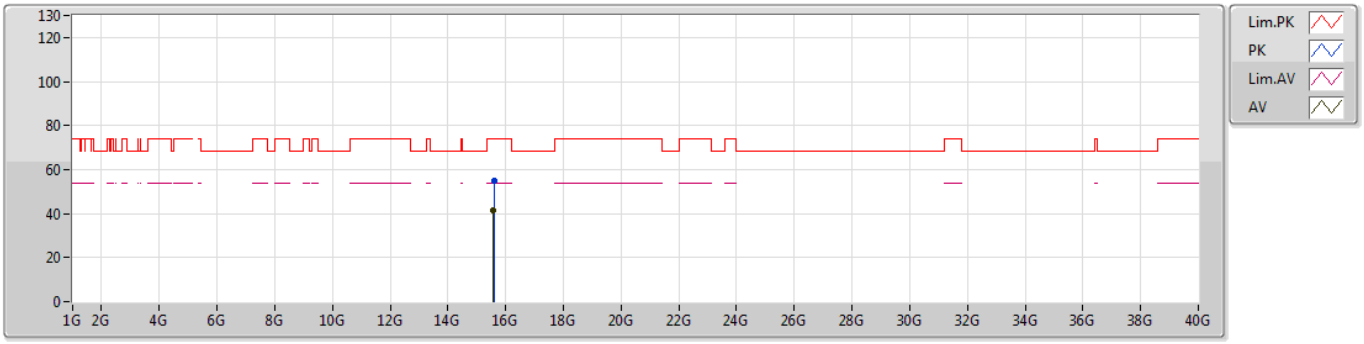
EUT Y_4TX
Setting 70
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5806G	55.09	74.00	-18.91	16.02	3	Vertical	278	1.90	-
AV	15.6732G	41.17	54.00	-12.83	15.79	3	Vertical	278	1.90	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/05/2019

5210MHz_TX



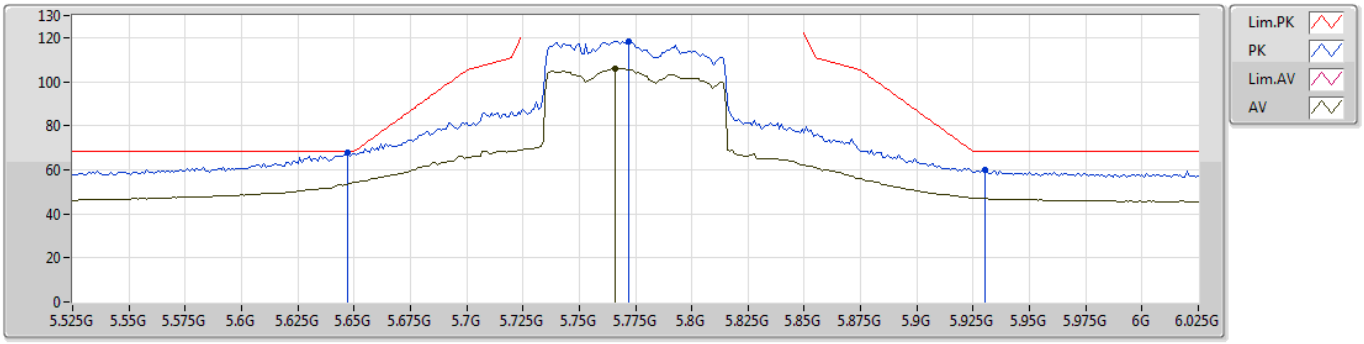
EUT Y_4TX
Setting 70
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6086G	54.85	74.00	-19.15	15.95	3	Horizontal	129	1.38	-
AV	15.585G	41.27	54.00	-12.73	16.00	3	Horizontal	129	1.38	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/05/2019

5775MHz_TX



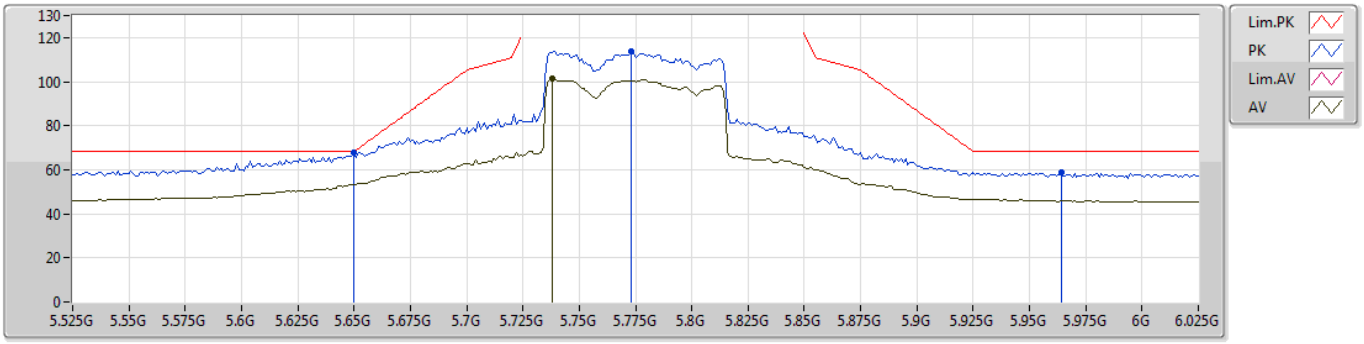
EUT Y_4TX
Setting 85
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.647G	67.98	68.20	-0.63	8.71	3	Vertical	270	2.95	-
PK	5.772G	118.42	Inf	-Inf	8.84	3	Vertical	270	2.95	-
AV	5.766G	105.96	Inf	-Inf	8.84	3	Vertical	270	2.95	-
PK	5.93G	59.94	68.20	-8.26	8.86	3	Vertical	270	2.95	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

27/05/2019



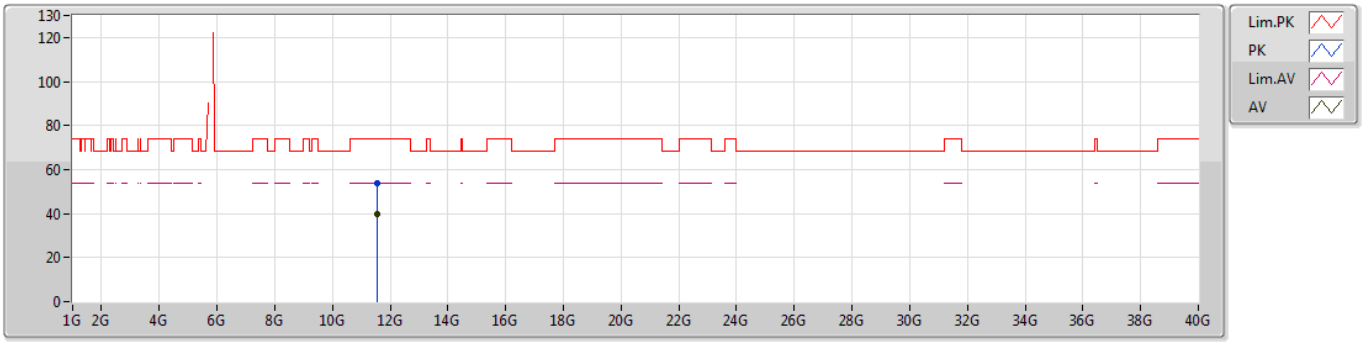
EUT Y_4TX
Setting 85
02-N-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.65G	67.65	68.20	-0.55	8.70	3	Horizontal	158	2.61	-
PK	5.773G	113.61	Inf	-Inf	8.84	3	Horizontal	158	2.61	-
AV	5.738G	101.20	Inf	-Inf	8.81	3	Horizontal	158	2.61	-
PK	5.964G	59.07	68.20	-9.13	8.84	3	Horizontal	158	2.61	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/05/2019

5775MHz_TX



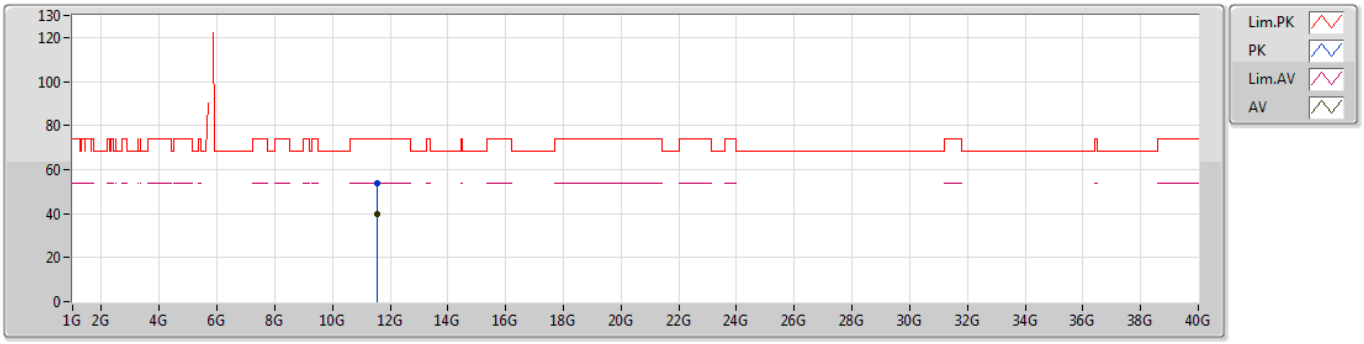
EUT Y_4TX
Setting 85
02-N-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5406G	54.03	74.00	-19.97	15.02	3	Vertical	195	1.87	-
AV	11.55324G	39.84	54.00	-14.16	15.03	3	Vertical	195	1.87	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/05/2019

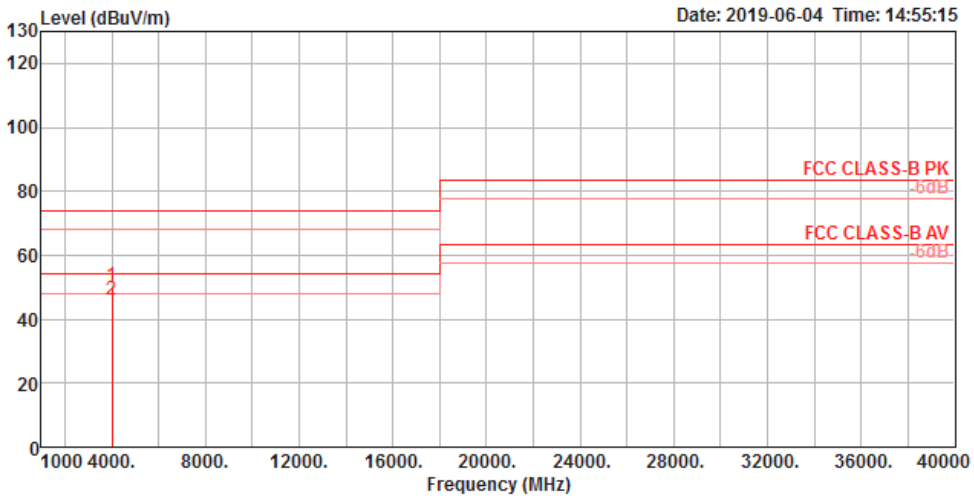
5775MHz_TX



EUT Y_4TX
Setting 85
02-N-2
FSU(100015)

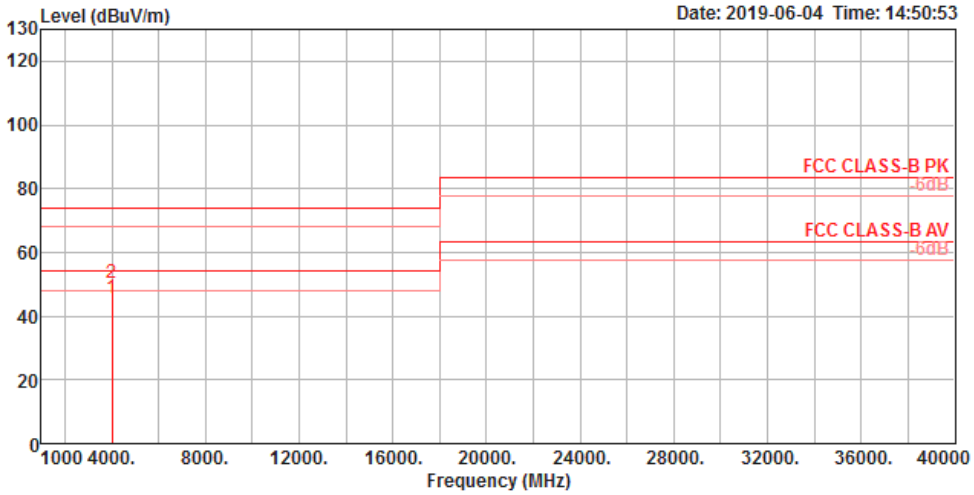
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.54132G	53.90	74.00	-20.10	15.02	3	Horizontal	335	1.43	-
AV	11.55116G	39.88	54.00	-14.12	15.03	3	Horizontal	335	1.43	-

RSE Co-location Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3999.90	50.28	74.00	-23.72	46.30	6.58	29.60	32.20	130	136	Peak	HORIZONTAL
2	4000.01	46.08	54.00	-7.92	42.10	6.58	29.60	32.20	130	136	Average	HORIZONTAL

RSE Co-location Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3999.99	45.75	54.00	-8.25	41.77	6.58	29.60	32.20	100	284	Average	VERTICAL
2	4000.07	50.27	74.00	-23.73	46.29	6.58	29.60	32.20	100	284	Peak	VERTICAL